



# The bidi Package

Source documentation for version 37.0

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) 2007–2022 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 $\mathrm{T}_{\mathrm{E}}\mathrm{X}$ and $\mathrm{\LaTeX}$ , using $\mathrm{XeT}_{\mathrm{E}}\mathrm{X}$ engine

Source documentation for [version 37.0](#)

Vafa Khalighi\*

May 24, 2022

### Contents

1	File <code>amsart-xetex-bidi.def</code>	4	18	File <code>beamerinnerthemedefault-xetex-bidi.def</code>	40
2	File <code>adjmulticol-xetex-bidi.def</code>	6	19	File <code>bidi.sty</code>	41
3	File <code>algorithm2e-xetex-bidi.def</code>	7	20	File <code>bidi.tex</code>	48
4	File <code>amsbook-xetex-bidi.def</code>	7	21	File <code>bidi2in1.sty</code>	50
5	File <code>amsmath-xetex-bidi.def</code>	10	22	File <code>bidicode.sty</code>	51
6	File <code>amstext-xetex-bidi.def</code>	10	23	File <code>bidiftnextra.sty</code>	53
7	File <code>amsthm-xetex-bidi.def</code>	10	24	File <code>bidimoderncv.cls</code>	57
8	File <code>array-xetex-bidi.def</code>	10	25	File <code>bidi-perpage.sty</code>	62
9	File <code>article-xetex-bidi.def</code>	12	26	File <code>biditools.sty</code>	63
10	File <code>artikel1-xetex-bidi.def</code>	15	27	File <code>bidituftefloat.sty</code>	100
11	File <code>artikel2-xetex-bidi.def</code>	20	28	File <code>bidituftesidenote.sty</code>	110
12	File <code>artikel3-xetex-bidi.def</code>	25	29	File <code>bidituftetoc.sty</code>	121
13	File <code>arydshln-xetex-bidi.def</code>	29	30	File <code>bidituftegeneralstructure.sty</code>	123
14	File <code>beamer-xetex-bidi.def</code>	32	31	File <code>bidituftehyperref.sty</code>	125
15	File <code>beamerbasecolor-xetex-bidi.def</code>	32	32	File <code>bidituftetitle.sty</code>	126
16	File <code>beamerbaseframecomponents-xetex-bidi.def</code>	32	33	File <code>bidituftehandout.cls</code>	129
17	File <code>beamerbaselocalstructure-xetex-bidi.def</code>	32	34	File <code>bidituftebook.cls</code>	129

---

\*Thanks to the bidi-tex GitHub organization consisted of David Carlisle and other members of the  $\mathrm{L}_{\mathrm{A}}\mathrm{T}_{\mathrm{E}}\mathrm{X}$  team to maintain the package in the period 2018–2020.

35	File bidipoem.sty	131	65	File fleqn-xetex-bidi.def	222
36	File boek3-xetex-bidi.def	137	66	File float-xetex-bidi.def	223
37	File boek-xetex-bidi.def	141	67	File floatrow-xetex-bidi.def	223
38	File bookest-xetex-bidi.def	144	68	File flowfram-xetex-bidi.def	223
39	File book-xetex-bidi.def	145	69	File footnote-xetex-bidi.def	226
40	File breqn-xetex-bidi.def	149	70	File footnotebackref-xetex-bidi.def	232
41	File cals-xetex-bidi.def	150	71	File framed-xetex-bidi.def	233
42	File caption-xetex-bidi.def	150	72	File ftnright-xetex-bidi.def	237
43	File caption3-xetex-bidi.def	151	73	File graphicx-xetex-bidi.def	241
44	File colortbl-xetex-bidi.def	151	74	File geometry-xetex-bidi.def	244
45	File color-xetex-bidi.def	151	75	File hvfloat-xetex-bidi.def	245
46	File combine-xetex-bidi.def	152	76	File hyperref-xetex-bidi.def	250
47	File crop-xetex-bidi.def	153	77	File imsgproc-xetex-bidi.def	262
48	File cutwin-xetex-bidi.def	154	78	File leqno-xetex-bidi.def	264
49	File cuted-xetex-bidi.def	155	79	File letter-xetex-bidi.def	264
50	File cvthemebidicasual.sty	163	80	File lettrine-xetex-bidi.def	264
51	File cvthemebidiclassic.sty	165	81	File lineno-xetex-bidi.def	267
52	File dblfnote-xetex-bidi.def	167	82	File listings-xetex-bidi.def	268
53	File diagbox-xetex-bidi.def	170	83	File loadingorder-xetex-bidi.def	270
54	File draftwatermark-xetex-bidi.def	173	84	File longtable-xetex-bidi.def	275
55	File eso-pic-xetex-bidi.def	173	85	File lscape-xetex-bidi.def	278
56	File empheq-xetex-bidi.def	174	86	File mathtools-xetex-bidi.def	278
57	File extarticle-xetex-bidi.def	177	87	File mdframed-xetex-bidi.def	278
58	File extbook-xetex-bidi.def	180	88	File bidi-media9.sty	280
59	File extletter-xetex-bidi.def	184	89	File memoir-xetex-bidi.def	291
60	File extrafootnotefeatures-xetex-bidi.def	184	90	File midfloat-xetex-bidi.def	294
61	File extreport-xetex-bidi.def	216	91	File minitoc-xetex-bidi.def	298
62	File fancybox-xetex-bidi.def	219	92	File multicol-xetex-bidi.def	299
63	File fancyhdr-xetex-bidi.def	220	93	File multienum-xetex-bidi.def	303
64	File fix2col-xetex-bidi.def	220	94	File natbib-xetex-bidi.def	304



95	File newfloat-xetex-bidi.def	305	116	File sidecap-xetex-bidi.def	375
96	File nththeorem-xetex-bidi.def	306	117	File soul-xetex-bidi.def	375
97	File nththeorem-hyper-xetex-bidi.def	306	118	File stabular-xetex-bidi.def	376
98	File overpic-xetex-bidi.def	307	119	File subfigure-xetex-bidi.def	377
99	File pdfbase-xetex-bidi.def	307	120	File tabs-xetex-bidi.def	377
100	File pdfscape-xetex-bidi.def	308	121	File tabularx-xetex-bidi.def	378
101	File pdfpages-xetex-bidi.def	308	122	File tabulary-xetex-bidi.def	379
102	File pgfcorescopes.code-xetex-bidi.def	309	123	File tc-xetex-bidi.def	380
103	File picinpar-xetex-bidi.def	310	124	File tcolorbox-xetex-bidi.def	380
104	File plain-xetex-bidi.def	313	125	File titlesec-xetex-bidi.def	380
105	File pstricks-xetex-bidi.def	315	126	File titletoc-xetex-bidi.def	381
106	File quotchap-xetex-bidi.def	315	127	File tocbibind-xetex-bidi.def	382
107	File ragged2e-xetex-bidi.def	316	128	File tocloft-xetex-bidi.def	384
108	File rapport1-xetex-bidi.def	318	129	File tocbasic-xetex-bidi.def	389
109	File rapport3-xetex-bidi.def	322	130	File tocstyle-xetex-bidi.def	403
110	File refrep-xetex-bidi.def	328	131	File todonotes-xetex-bidi.def	408
111	File report-xetex-bidi.def	331	132	File wrapfig-xetex-bidi.def	411
112	File rotating-xetex-bidi.def	335	133	File xcolor-xetex-bidi.def	412
113	File scrartcl-xetex-bidi.def	337	134	File latex-xetex-bidi.def	414
114	File scrbook-xetex-bidi.def	349	135	File xltextra-xetex-bidi.def	432
115	File screprpt-xetex-bidi.def	362	136	Index	432



## 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\c@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   \uppercase\nonmath\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 $\if@RTLtab\endR\fi\egroup}
383 \expandafter\let\csname endtabular*\endcsname=\endtabular
384 \def\@array[#1]#2{%
385 \@tempdima \ht \strutbox
386 \advance \@tempdima by\extrarowheight
387 \setbox \@arstrutbox \hbox{\vrule
388 \@height \arraystretch \@tempdima
389 \@depth \arraystretch \dp \strutbox
390 \@width \z@}%
391 \beginR
392 \mkpream{#2}%
393 \xdef\@preamble{\noexpand \ialign \@halignto
394 \bgroup \@arstrut \@preamble
395 \tabskip \z@ \cr}%
396 \endgroup
397 \@arrayleft
398 \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi \fi
399 \bgroup
400 \let \@sharp ##\let \protect \relax
401 \lineskip \z@
402 \baselineskip \z@
403 \m@th
404 \let\\\@arraycr \let\tabularnewline\\\let\par\@empty \if@RTLtab\hbox\bgroup\beginR\@hboxRo
405 \def\@tabarray{\@ifnextchar{\@array}{\@array[c]}}
406 \def\endarray{\crrc \egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@prea
407 \def\array{\col@sep\arraycolsep
408 \def\d@llarbegin{$}\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      \ifcompatibility
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 \begin{group}
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 \if@twocolumn
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=\@ne
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 \p0}%
1164       \@regtocline{0}%
1165     \fi}
1166 \fi
1167
1168 \if@oldtoc
1169 \renewcommand*\l@section[2]{%
1170   \addpenalty\@secpenalty
1171   \addvspace{1.0em \@plus \p0}%
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}[2022/05/24 v0.1 bidi adaptations for beamer class for Xe
1502 \AtBeginDocument{%
1503     \if@RTLmain
1504         \raggedleft
1505     \else
1506         \raggedright
1507     \fi
1508 }
1509 \renewcommand*{\bidi@beamer@ragged}{%
1510     \if@RTL
1511         \raggedleft
1512     \else
1513         \raggedright
1514     \fi
1515 }

```

## 15 File beamerbasecolor-xetex-bidi.def

```

1516 \ProvidesFile{beamerbasecolor-xetex-bidi.def}[2022/05/24 v0.1 bidi adaptations for beamerbas
1517 \renewenvironment{beamercolorbox}[2][{}]{%
1518     \def\beamer@vmode{\leavevmode}%
1519     \setkeys{beamercolbox}{wd=\textwidth,ht={},dp={},%
1520         leftskip=0pt,rightskip=0pt plus1fil,%
1521         sep=0pt,colsep=0pt,colsep*=0pt,%
1522         shadow=false,rounded=false,ignorebg=false}%
1523     \setkeys{beamercolbox}{#1}%

```



```

1524 \ifbeamercolorempy[bg]{#2}{\@tempswafalse}{\@tempswatruel}%
1525 \ifbeamer@colbox@ignorebg\@tempswafalse\fi%
1526 \def\beamer@colbox@color{#2}%
1527 \setbox\beamer@tempbox=\hbox\bgroup\color@begingroup
1528 \if@RTL
1529   \@hboxRconstructtrue
1530 \else
1531   \@hboxRconstructfalse
1532 \fi
1533   \ifbeamer@colbox@ignorebg%
1534     \colorlet{beamer@temp@color}{bg}%
1535     \usebeamercolor[fg]{#2}%
1536     \colorlet{bg}{beamer@temp@color}%
1537   \else%
1538     \usebeamercolor[fg]{#2}%
1539   \fi%
1540   \vbox\bgroup%
1541   \hsize=\beamer@colbox@wd%
1542   \@arrayparboxrestore%
1543   \leftskip=\beamer@colbox@ls%
1544   \ifdim\beamer@colbox@sep>\z@advance\leftskip\beamer@colbox@sep\fi%
1545   \rightskip=\beamer@colbox@rs%
1546   \ifdim\beamer@colbox@sep>\z@advance\rightskip\beamer@colbox@sep\fi%
1547   \if@tempswa\ifdim\beamer@colbox@colsep>\z@%
1548     \advance\leftskip by\beamer@colbox@colsep%
1549     \advance\rightskip by\beamer@colbox@colsep%
1550     \vskip\beamer@colbox@colsep%
1551   \fi%
1552   \ifdim\beamer@colbox@colseps>\z@\vskip\beamer@colbox@colseps\fi%
1553   \fi%
1554   \ifdim\beamer@colbox@sep>\z@\vskip\beamer@colbox@sep\fi%
1555   \beamer@vmode\ignorespaces}{%
1556   \ifdim\beamer@colbox@sep>\z@\vskip\beamer@colbox@sep\fi%
1557   \if@tempswa
1558     \ifdim\beamer@colbox@colsep>\z@\vskip\beamer@colbox@colsep\fi%
1559     \ifdim\beamer@colbox@colseps>\z@\vskip\beamer@colbox@colseps\fi%
1560   \fi%
1561   \egroup\color@endgroup\egroup%
1562   \wd\beamer@tempbox=\beamer@colbox@wd%
1563   \ifx\beamer@colbox@ht\@empty\else\ht\beamer@tempbox=\beamer@colbox@ht\fi%
1564   \ifx\beamer@colbox@dp\@empty\else\dp\beamer@tempbox=\beamer@colbox@dp\fi%
1565   \ifbeamer@colbox@rounded%
1566     \if@tempswa%
1567       \begin{beamerboxesrounded}[%
1568         shadow=\beamer@colbox@shadow,%
1569         lower=\beamer@colbox@color,%
1570         upper=normal text,%
1571         width=\beamer@colbox@wd]{}%
1572       \box\beamer@tempbox%
1573     \end{beamerboxesrounded}%
1574   \else%
1575     \ifdim\wd\beamer@tempbox>\textwidth%
1576       \setbox\beamer@tempbox=\hbox to\textwidth{\hss\box\beamer@tempbox\hss}%
1577     \fi%

```



```

1578     \box\beamer@tempbox%
1579     \fi%
1580   \else%
1581     \if@tempwa\setbox\beamer@tempbox=\hbox{%
1582       \usebeamercolor{\beamer@colbox@color}%
1583       \hskip-\beamer@colbox@colseps%
1584       \fboxsep=\z@\colorbox{bg}{}%
1585       \hskip\beamer@colbox@colseps%
1586       \box\beamer@tempbox%
1587       \hskip\beamer@colbox@colseps%
1588     }%
1589     \hskip-\beamer@colbox@colseps%
1590   } \fi%
1591   \ifdim\wd\beamer@tempbox>\textwidth%
1592     \setbox\beamer@tempbox=\hbox to\textwidth{\hskip0pt minus\beamer@leftmargin\relax\box\
1593   \fi%
1594   \box\beamer@tempbox%
1595 \fi%
1596 }
1597
1598

```

## 16 File beamerbaseframecomponents-xetex-bidi.def

```

1599 \ProvidesFile{beamerbaseframecomponents-xetex-bidi.def}[2022/05/24 v0.1 bidi adaptations for
1600 \renewcommand<>\beamer@columncom[2] [\beamer@colmode]{%
1601   \beamer@colclose%
1602   \def\beamer@colclose{\end{minipage}\hfill\end{actionenv}\ignorespaces}%
1603 \begin{actionenv}#3%
1604   \setkeys{beamer@col}{#1}%
1605   \begin{minipage}[\beamer@colalign]{#2}%
1606     \leavevmode\ bidi@beamer@ragged\beamer@colheadskip\ignorespaces}
1607
1608 \renewenvironment<>{columns}[1] [] {%
1609   \begin{actionenv}#2%
1610     \ifbeamer@onlytextwidth
1611       \def\beamer@colentrycode{\hbox to\textwidth\bgroup\ignorespaces}%
1612       \def\beamer@colexitcode{\unskip\egroup}
1613     \else%
1614       \def\beamer@colentrycode{%
1615         \hbox to\textwidth\bgroup%
1616         \leavevmode%
1617         \hskip-\beamer@leftmargin%
1618         \nobreak%
1619         \beamer@tempdim=\textwidth%
1620         \advance\beamer@tempdim by\beamer@leftmargin%
1621         \advance\beamer@tempdim by\beamer@rightmargin%
1622         \hbox to\beamer@tempdim\bgroup%
1623         \hbox{}\hfill\ignorespaces}%
1624       \def\beamer@colexitcode{\egroup%
1625         \nobreak%
1626         \hskip-\beamer@rightmargin\egroup}%
1627     \fi%
1628   \ifbeamer@centered\setkeys{beamer@col}{c}\else\setkeys{beamer@col}{t}\fi%

```



```

1629 \setkeys{beamer@col}{#1}%
1630 \par%
1631 \leavevmode
1632 \beamer@colentrycode%
1633 \def\beamer@colclose{}\ignorespaces}%
1634 {\beamer@colclose\def\beamer@colclose{}\beamer@colexitcode\end{actionenv}}%
1635
1636
1637 \def\@makeRTLfnstext#1{%
1638 \def\insertfootnotetext{#1}%
1639 \def\insertfootnotemark{\@makefnmark}%
1640 \usebeamertemplate***{RTLfootnote}}
1641
1642 \def\@makeLTRfnstext#1{%
1643 \def\insertfootnotetext{#1}%
1644 \def\insertfootnotemark{\@makefnmark}%
1645 \usebeamertemplate***{LTRfootnote}}
1646
1647 \renewcommand<>\beamer@framefootnotetext[1]{%
1648 \global\setbox\beamer@footins\vbox{%
1649 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
1650 \hsize\framewidth
1651 \textwidth\hsize
1652 \columnwidth\hsize
1653 \unvbox\beamer@footins
1654 \reset@font
1655 \bidi@footnotetext@font
1656 \@parboxrestore
1657 \protected@edef\@currentlabel
1658 {\csname p@footnote\endcsname\@thefnmark}%
1659 \color@begingroup
1660 \uncover#2{\@makefnstext{%
1661 \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1662 \color@endgroup}}
1663
1664 \renewcommand<>\beamer@frameRTLfootnotetext[1]{%
1665 \global\setbox\beamer@footins\vbox{%
1666 \@RTLtrue
1667 \hsize\framewidth
1668 \textwidth\hsize
1669 \columnwidth\hsize
1670 \unvbox\beamer@footins
1671 \reset@font
1672 \bidi@RTLfootnotetext@font
1673 \@parboxrestore
1674 \protected@edef\@currentlabel
1675 {\csname p@footnote\endcsname\@thefnmark}%
1676 \color@begingroup
1677 \uncover#2{\@makeRTLfnstext{%
1678 \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1679 \color@endgroup}}
1680
1681 \renewcommand<>\beamer@frameLTRfootnotetext[1]{%
1682 \global\setbox\beamer@footins\vbox{%

```



```

1683 \RTLfalse
1684 \hsize\framewidth
1685 \textwidth\hsize
1686 \columnwidth\hsize
1687 \unvbox\beamer@footins
1688 \reset@font
1689 \bidi@LTRfootnotetext@font
1690 \@parboxrestore
1691 \protected@edef\@currentlabel
1692     {\csname p@footnote\endcsname\@thefnmark}%
1693 \color@begingroup
1694     \uncover#2{\@makeLTRfntext{%
1695         \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1696 \color@endgroup}}
1697
1698 \renewcommand<>\@mpfootnotetext[1]{%
1699     \global\setbox\@mpfootins\vbox{%
1700         \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\ifRTL@footnote\global\let\bidi@mpfootn
1701         \unvbox\@mpfootins
1702         \reset@font
1703         \bidi@footnotetext@font
1704         \hsize\columnwidth
1705         \@parboxrestore
1706         \protected@edef\@currentlabel
1707             {\csname p@mpfootnote\endcsname\@thefnmark}%
1708         \color@begingroup
1709             \uncover#2{\@makefntext{%
1710                 \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1711         \color@endgroup}}
1712
1713 \renewcommand<>\@mpRTLfootnotetext[1]{%
1714     \global\setbox\@mpfootins\vbox{%
1715         \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footn
1716         \unvbox\@mpfootins
1717         \reset@font
1718         \bidi@RTLfootnotetext@font
1719         \hsize\columnwidth
1720         \@parboxrestore
1721         \protected@edef\@currentlabel
1722             {\csname p@mpfootnote\endcsname\@thefnmark}%
1723         \color@begingroup
1724             \uncover#2{\@makeRTLfntext{%
1725                 \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1726         \color@endgroup}}
1727
1728 \renewcommand<>\@mpLTRfootnotetext[1]{%
1729     \global\setbox\@mpfootins\vbox{%
1730         \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footn
1731         \unvbox\@mpfootins
1732         \reset@font
1733         \bidi@LTRfootnotetext@font
1734         \hsize\columnwidth
1735         \@parboxrestore
1736         \protected@edef\@currentlabel

```



```

1737         {\csname p@mpfootnote\endcsname\@thefnmark}%
1738     \color@begingroup
1739         \uncover#2{\@makeLTRfntext{%
1740             \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}}}%
1741     \color@endgroup}}
1742
1743 \let\@footnotetext=\beamer@framefootnotetext
1744 \let\@RTLfootnotetext=\beamer@frameRTLfootnotetext
1745 \let\@LTRfootnotetext=\beamer@frameLTRfootnotetext
1746
1747 \footdir@temp\footdir@ORG@bidi@beamer@footnotetext\@footnotetext{\bidi@footdir@footnote}%
1748 \footdir@temp\footdir@ORG@bidi@beamer@RTLfootnotetext\@RTLfootnotetext{R}%
1749 \footdir@temp\footdir@ORG@bidi@beamer@LTRfootnotetext\@LTRfootnotetext{L}%
1750
1751 \renewcommand<>{\footnote}[1] [] {%
1752     \let\beamer@footnotetext=\@footnotetext%
1753     \let\beamer@mpfn=\@mpfn%
1754     \let\beamer@thempfn=\thempfn%
1755     \let\beamer@kvorig=KV@errx%
1756     \let\beamer@xkvorig=XKV@err
1757     \def\beamer@footarg{}%
1758     \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
1759     \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}%
1760     \setkeys{beamerfootnote}{#1}%
1761     \let\KV@errx=\beamer@kvorig%
1762     \let\XKV@errx=\beamer@xkvorig%
1763     \ifx\beamer@footarg\@empty%
1764         \def\beamer@next{\stepcounter\beamer@mpfn
1765             \protected@xdef\@thefnmark{\beamer@thempfn}%
1766             \@footnotemark\beamer@footnotetext#2}%
1767     \else%
1768         \def\beamer@next{%
1769             \begingroup
1770             \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
1771             \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
1772             \endgroup
1773             \@footnotemark\beamer@footnotetext#2}%
1774     \fi%
1775     \beamer@next}
1776
1777 \renewcommand<>{\RTLfootnote}[1] [] {%
1778     \let\beamer@RTLfootnotetext=\@RTLfootnotetext%
1779     \let\beamer@mpfn=\@mpfn%
1780     \let\beamer@thempfn=\thempfn%
1781     \let\beamer@kvorig=KV@errx%
1782     \let\beamer@xkvorig=XKV@err
1783     \def\beamer@footarg{}%
1784     \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
1785     \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}%
1786     \setkeys{beamerfootnote}{#1}%
1787     \let\KV@errx=\beamer@kvorig%
1788     \let\XKV@errx=\beamer@xkvorig%
1789     \ifx\beamer@footarg\@empty%
1790         \def\beamer@next{\stepcounter\beamer@mpfn

```



```

1791 \protected@xdef\@thefnmark{\beamer@thempfn}%
1792 \@footnotemark\beamer@RTLfootnotetext#2}%
1793 \else%
1794 \def\beamer@next{%
1795 \begingroup
1796 \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
1797 \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
1798 \endgroup
1799 \@footnotemark\beamer@footnotetext#2}%
1800 \fi%
1801 \beamer@next}
1802
1803 \renewcommand<>{\LTRfootnote}[1] [] {%
1804 \let\beamer@LTRfootnotetext=\@LTRfootnotetext%
1805 \let\beamer@mpfn=\@mpfn%
1806 \let\beamer@thempfn=\thempfn%
1807 \let\beamer@kvorig=\KV@errx%
1808 \let\beamer@xkvorig=\XKV@err
1809 \def\beamer@footarg{}%
1810 \def\KV@errx##1{\edef\beamer@footarg{\@tempa}}%
1811 \def\XKV@err##1{\edef\beamer@footarg{\XKV@tkey}}%
1812 \setkeys{beamerfootnote}{#1}%
1813 \let\KV@errx=\beamer@kvorig%
1814 \let\XKV@errx=\beamer@xkvorig
1815 \ifx\beamer@footarg\@empty%
1816 \def\beamer@next{\stepcounter\beamer@mpfn
1817 \protected@xdef\@thefnmark{\beamer@thempfn}%
1818 \@footnotemark\beamer@LTRfootnotetext#2}%
1819 \else%
1820 \def\beamer@next{%
1821 \begingroup
1822 \csname c@\beamer@mpfn\endcsname\beamer@footarg\relax
1823 \unrestored@protected@xdef\@thefnmark{\beamer@thempfn}%
1824 \endgroup
1825 \@footnotemark\beamer@footnotetext#2}%
1826 \fi%
1827 \beamer@next}
1828
1829

```

## 17 File beamerbaselocalstructure-xetex-bidi.def

```

1830 \ProvidesFile{beamerbaselocalstructure-xetex-bidi.def}[2022/05/24 v0.1 bidi adaptations for
1831 \def\beamer@enum@{%
1832 \beamer@computepref\@itemdepth% sets \beameritemnestingprefix
1833 \usebeamerfont{itemize/enumerate \beameritemnestingprefix body}%
1834 \bgroup
1835 \usebeamerfont[fg]{itemize/enumerate \beameritemnestingprefix body}%
1836 \usebeamertemplate{itemize/enumerate \beameritemnestingprefix body begin}%
1837 \egroup
1838 \expandafter
1839 \list
1840 {\usebeamertemplate{\beamer@enumtempl}}
1841 {\usecounter\@enumctr%

```



```

1842     \def\makelabel##1{\hss\llap{\{
1843         \usebeamerfont*{enumerate \beameritemnestingprefix item}%
1844         \usebeamercolor[fg]{enumerate \beameritemnestingprefix item}##1}}}%
1845 \beamer@cramped%
1846 \bidi@beamer@ragged%
1847 \beamer@firstlineitemizeunskip%
1848 }
1849
1850 \renewcommand{\itemize}[1][\]{%
1851   \ifblank{#1}{\def\beamer@defaulttospec{#1}}%
1852   \ifnum \@itemdepth >2\relax\@toodeep\else
1853     \advance\@itemdepth\@ne
1854     \beamer@compute@pref\@itemdepth% sets \beameritemnestingprefix
1855     \usebeamerfont{itemize/enumerate \beameritemnestingprefix body}%
1856     \bgroup
1857     \usebeamercolor[fg]{itemize/enumerate \beameritemnestingprefix body}%
1858     \usebeamertemplate{itemize/enumerate \beameritemnestingprefix body begin}%
1859     \egroup
1860     \list
1861       {\usebeamertemplate{itemize \beameritemnestingprefix item}}
1862       {\def\makelabel##1{\{
1863         \{
1864           \hss\llap{\{
1865             \usebeamerfont*{itemize \beameritemnestingprefix item}%
1866             \usebeamercolor[fg]{itemize \beameritemnestingprefix item}##1}}}%
1867         }%
1868       }%
1869     }
1870   \fi%
1871   \beamer@cramped%
1872   \bidi@beamer@ragged%
1873   \beamer@firstlineitemizeunskip%
1874 }
1875
1876 \def\@@description{%
1877   \advance\beamer@descdefault by \labelsep%
1878   \usebeamerfont{description body}%
1879   \bgroup
1880   \usebeamercolor[fg]{description body}%
1881   \usebeamertemplate{description body begin}%
1882   \egroup
1883   \list
1884     {}
1885     {\labelwidth\beamer@descdefault\leftmargin\beamer@descdefault\let\makelabel\beamer@descrip
1886     \beamer@cramped%
1887     \bidi@beamer@ragged
1888     \beamer@firstlineitemizeunskip%
1889   }
1890
1891 \renewenvironment{thebibliography}[1]
1892 {\leavevmode\unskip%
1893 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
1894 \bidi@thebibliography@font@hook%
1895 \list{\@biblabel{\@arabic{c@enumiv}}}%

```





```

1896      {\settowidth\labelwidth{\beamer@biblabeltemplate{\@biblabel{#1}}}%
1897      \leftmargin\labelwidth
1898      \advance\leftmargin\labelsep
1899      \itemsep=0pt%
1900      \partopsep=0pt%
1901      \topsep=0pt%
1902      \usecounter{enumiv}%
1903      \let\p@enumiv\@empty
1904      \renewcommand\theenumiv{\@arabic\c@enumiv}
1905      \let\makelabel\beamer@biblabeltemplate}%
1906      \sloppy\bidibeamer@ragged
1907      \clubpenalty10000
1908      \@clubpenalty \clubpenalty
1909      \widowpenalty10000%
1910      \sfcode\`.\@m}
1911      {\def\@noitemerr
1912      {\@latex@warning{Empty `thebibliography' environment}}}%
1913      \ifhmode\unskip\fi\endlist}
1914
1915

```

## 18 File beamerinnerthemedefault-xetex-bidi.def

```

1916 \ProvidesFile{beamerinnerthemedefault-xetex-bidi.def}[2022/05/24 v0.1 bidi adaptations for b
1917 \newcommand*{\bidibeamer@leftskip}{%
1918   \if@RTL
1919     \rightskip
1920   \else
1921     \leftskip
1922   \fi
1923 }
1924
1925 \expandafter\let\csname beamer@tmpop@subsection in toc@default\endcsname\relax
1926
1927 \expandafter\let\csname beamer@tmpop@subsubsection in toc@default\endcsname\relax
1928
1929 \defbeamertemplate*{subsection in toc}{default}
1930 {\leavevmode\bidibeamer@leftskip=1.5em\inserttocsubsection\par}
1931
1932 \defbeamertemplate*{subsubsection in toc}{default}
1933 {\leavevmode\normalsize\usebeamerfont{subsection in toc}\bidibeamer@leftskip=3em%
1934   \usebeamerfont{subsubsection in toc}\inserttocsubsubsection\par}
1935
1936 \newcommand*{\bidibeamer@blacktriangle}{%
1937   \if@RTL
1938     $\blacktriangleleft$%
1939   \else
1940     $\blacktriangleright$%
1941   \fi
1942 }
1943
1944 \expandafter\let\csname beamer@tmpop@itemize item@default\endcsname\relax
1945
1946 \expandafter\let\csname beamer@tmpop@itemize subitem@default\endcsname\relax

```



```

1947
1948 \expandafter\let\csname beamer@tmpop@itemize subsubitem@default\endcsname\relax
1949
1950 \defbeamertemplate*{itemize item}{default}{\usebeamerfont*{itemize item}\raise1.25pt\hbox{\d
1951 \defbeamertemplate*{itemize subitem}{default}{\usebeamerfont*{itemize subitem}\raise1.5pt\hb
1952 \defbeamertemplate*{itemize subsubitem}{default}{\usebeamerfont*{itemize subsubitem}\raise1.
1953
1954 \bidi@undef\beamer@tmpop@footnote@default
1955
1956 \defbeamertemplate*{footnote}{default}
1957 {
1958   \parindent 1em\noindent%
1959   \bidi@beamer@ragged
1960   \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
1961 }
1962
1963 \defbeamertemplate*{RTLfootnote}{default}
1964 {
1965   \parindent 1em\noindent%
1966   \raggedleft
1967   \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
1968 }
1969
1970 \defbeamertemplate*{LTRfootnote}{default}
1971 {
1972   \parindent 1em\noindent%
1973   \raggedright
1974   \hbox to 1.8em{\hfil\insertfootnotemark}\insertfootnotetext\par%
1975 }
1976
1977 \bidi@undef\beamer@tmpop@caption@default
1978
1979 \defbeamertemplate*{caption}{default}
1980 {%
1981   \bidi@beamer@ragged
1982   {%
1983     \leavevmode
1984     \usebeamercolor[fg]{caption name}%
1985     \usebeamerfont*{caption name}%
1986     \insertcaptionname
1987     \usebeamertemplate{caption label separator}%
1988   }%
1989   \insertcaption\par
1990 }
1991
1992

```

## 19 File bidi.sty

```

1993 \NeedsTeXFormat{LaTeX2e}
1994 \def\bididate{2022/05/24}
1995 \def\bidi@version{37.0}
1996 \ProvidesPackage{bidi}[\bididate\space v\bidi@version\space
1997 Bidirectional typesetting in plain TeX and LaTeX]

```



```

1998 \edef\@bidi@info{*****~J%
1999 * ~J%
2000 * bidi package (Bidirectional typesetting in~J%
2001 * plain TeX and LaTeX, using XeTeX engine)~J%
2002 * ~J%
2003 * Description: A convenient interface for~J%
2004 * typesetting bidirectional texts in plain TeX~J%
2005 * and LaTeX. The package includes adaptations~J%
2006 * for use with many other commonly-used packages.~J%
2007 * ~J%
2008 * Copyright (c) 2007--2022 Vafa Khalighi~J%
2009 * Copyright (c) 2018--2020 bidi-tex GitHub organization~J%
2010 * ~J%
2011 * v\bidi@version, \bididate~J%
2012 * ~J%
2013 * License: LaTeX Project Public License, version~J%
2014 * 1.3c or higher (your choice)~J%
2015 * ~J%
2016 * Location on CTAN: /macros/xetex/latex/bidi~J%
2017 * ~J%
2018 * Issue tracker: https://github.com/kvafa/bidi/issues~J%
2019 * ~J%
2020 * Discussions: https://github.com/kvafa/bidi/discussions~J%
2021 * ~J%
2022 * Primary author of bidi package: Vafa Khalighi.~J%
2023 * ~J%
2024 *****}
2025 \typeout{\@bidi@info}
2026 \edef\bidi@everyjob{\the\everyjob}
2027 \everyjob{\bidi@everyjob\typeout{\@bidi@info}}
2028 \newcommand*\bidi@version{\ensuremath\bidi@version}
2029 \newcommand*\IfbidiPackageVersionLater}[1]{%
2030   \ifdim\bidi@version pt > #1 pt %
2031     \expandafter\@firstoftwo
2032   \else
2033     \expandafter\@secondoftwo
2034   \fi}
2035 \newcommand*\IfbidiPackageVersionBefore}[1]{%
2036   \ifdim\bidi@version pt < #1 pt %
2037     \expandafter\@firstoftwo
2038   \else
2039     \expandafter\@secondoftwo
2040   \fi}
2041 \newcommand*\IfbidiPackageVersion}[1]{%
2042   \ifdim\bidi@version pt = #1 pt %
2043     \expandafter\@firstoftwo
2044   \else
2045     \expandafter\@secondoftwo
2046   \fi}
2047 \RequirePackage{iftex}
2048 \RequireXeTeX
2049 \RequirePackage{bidiutils}
2050 \RequirePackage{zref-abspage}
2051 \RequirePackage{auxhook}

```



```

2052 \RequirePackage{ltxcmds}
2053 \RequirePackage{xkeyval}
2054 \eqnewif{\if@RTLmain}{\if@rlmain}
2055 \eqnewif{\if@RTL}{\if@rl}
2056 \newif\if@nonlatin
2057 \newif\if@bidi@perpage@footnote
2058 \newcommand*{\setlatin}{\@nonlatinfalse}
2059 \newcommand*{\setnonlatin}{\@nonlatintrue}
2060 \eqnewif{\if@RTLtab}{\if@tab@rl}
2061 \newif\if@hboxRconstruct
2062 \newif\if@bidi@pdfencrypt
2063 \newcommand*{\setRTLtable}{\@RTLtabtrue}
2064 \newcommand*{\setLTRtable}{\@RTLtabfalse}
2065 \newif\if@bidi@pdfm@mark
2066 \newif\if@RTLMarginpar
2067 \newif\if@LTRmarginpar
2068 \newif\if@LTRbibitems
2069 \newif\if@RTLbibitems
2070 \newif\if@extrafootnote@features
2071 \newif\if@RTLcolumnfootnotes
2072 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
2073 \newif\if@bidi@list@minipage@parbox
2074 \newif\if@bidi@list@minipage@parbox@not@nob
2075 \newcommand*{\@bidi@pdfcreator}{\%
2076   The bidi package, v\@bidi@version, \@bidi@date
2077 }
2078 \newcommand*{\@bidi@pdfproducer}{\%
2079   The bidi package, v\@bidi@version, \@bidi@date
2080 }
2081 \newcommand*{\@bidi@pdfcustomproperties}{\%
2082   This is the bidi package, Version \@bidi@version,
2083   Released May 24, 2022.
2084 }
2085 \newcommand*{\@bidi@beamer@ragged}{\%
2086 \@RTLmainfalse
2087 \AtBeginDocument{\%
2088   \if@RTLmain\else
2089     \if@RTL\@RTLmaintrue\%
2090     \else\@RTLmainfalse\%
2091     \fi\%
2092   \fi\%
2093 }
2094 \let\n@xt=\
2095 \bidi@newrobustcmd*{\LRE}{\protect\pLRE}\%
2096 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
2097 \bidi@newrobustcmd*{\RLE}{\protect\pRLE}
2098 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
2099 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
2100 \errmessage{Missing left brace has been substituted}\fi \bgroup}
2101 \newinsert\@bidi@copyins@
2102 \skip\@bidi@copyins@=12\p@
2103 \dimen\@bidi@copyins@=40pc
2104 \count\@bidi@copyins@=1000
2105 \newcommand*{\@bidi@inslogo@}{\insert\@bidi@copyins@\@bidi@logo@}}

```



```

2106 \newcommand*{\@bidi@logo@hb@xt@columnwidth}{%
2107   \if@RTLmain
2108     \if@twocolumn
2109       \hboxR to \columnwidth
2110     \else
2111       \hboxR to \textwidth
2112     \fi
2113   \else
2114     \if@twocolumn
2115       \hboxL to \columnwidth
2116     \else
2117       \hboxL to \textwidth
2118     \fi
2119   \fi
2120 }
2121 \newcommand*{\@bidi@logo}[1]{%
2122   \toks@{%
2123     \setbox\z@\hbox{%
2124       \special{%
2125         pdf:image width 50pt height 50pt (#1)%
2126       }
2127     }%
2128     \dp\z@\z@
2129     \ht\z@=50pt
2130     \wd\z@=50pt
2131     \beginL
2132       \lower20pt\box\z@
2133     \endL
2134   }%
2135   \the\toks@
2136 }
2137 \newcommand*{\@bidi@logo@}{%
2138   \@bidi@logo@hb@xt@columnwidth
2139   {\hss\LRE{\bfseries Typeset by the \textsf{bidi}
2140     package\quad\@bidi@logo{bidi-logo.pdf}}}}
2141 \define@key{bidi@pdfencrypt}{userpassword}[]{%
2142   \def\bidi@pdfencrypt@userpassword{#1}%
2143 }
2144 \define@key{bidi@pdfencrypt}{ownerpassword}[]{%
2145   \def\bidi@pdfencrypt@ownerpassword{#1}%
2146 }
2147 \define@key{bidi@pdfencrypt}{keylength}[128]{%
2148   \def\bidi@pdfencrypt@keylength{#1}%
2149 }
2150 \define@key{bidi@pdfencrypt}{permissionflags}[2052]{%
2151   \def\bidi@pdfencrypt@permissionflags{#1}%
2152 }
2153 \newcommand*{\pdfencryptsetup}{\setkeys{bidi@pdfencrypt}}
2154 \onlypreamble\pdfencryptsetup
2155 \input{latex-xetex-bidi.def}
2156 \input{loadingorder-xetex-bidi.def}
2157 \define@choicekey{bidi.sty}{RTLdocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2158   \ifcase\bidi@tempb\relax
2159     \@RTLtrue

```



```

2160 \or
2161 \RTLfalse
2162 \fi}
2163 \define@choicekey{bidi.sty}{documentdirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
2164 \ifcase\bidi@tempb\relax
2165 \RTLtrue
2166 \or
2167 \RTLfalse
2168 \fi}
2169 \define@choicekey{bidi.sty}{tabledirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
2170 \ifcase\bidi@tempb\relax
2171 \RTLtabtrue
2172 \or
2173 \RTLtabfalse
2174 \fi}
2175 \define@choicekey{bidi.sty}{script}[\bidi@tempa\bidi@tempb]{latin,nonlatin}[latin]{%
2176 \ifcase\bidi@tempb\relax
2177 \nonlatinfalse
2178 \or
2179 \nonlatintrue
2180 \fi}
2181 \define@choicekey{bidi.sty}{rldocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2182 \ifcase\bidi@tempb\relax
2183 \RTLtrue
2184 \or
2185 \RTLfalse
2186 \fi}
2187 \define@choicekey{bidi.sty}{footnoterule}[\bidi@tempa\bidi@tempb]{automatic,left,right,split}
2188 \ifcase\bidi@tempb\relax
2189 \autofootnoterule
2190 \or
2191 \leftfootnoterule
2192 \or
2193 \rightfootnoterule
2194 \or
2195 \SplitFootnoteRule
2196 \or
2197 \textwidthfootnoterule
2198 \fi}
2199 \define@choicekey{bidi.sty}{footnotedirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttoright}
2200 \ifcase\bidi@tempb\relax
2201 \RTL@footnotetrue
2202 \or
2203 \RTL@footnotefalse
2204 \fi}
2205 \define@choicekey{bidi.sty}{debugfootnotedirection}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2206 \ifcase\bidi@tempb\relax
2207 \footdir@debugtrue
2208 \or
2209 \footdir@debugfalse
2210 \fi}
2211 \define@choicekey{bidi.sty}{extrafootnotefeatures}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2212 \ifcase\bidi@tempb\relax
2213 \extrafootnotefeaturetrue

```



```

2214 \or
2215 \extrafootnotefeaturesfalse
2216 \fi}
2217
2218 \define@choicekey{bidi.sty}{DetectColumn}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2219 \ifcase\bidi@tempb\relax
2220 \def\bidi@firstcolumn@status@write{%
2221 \protected@write\auxout{%
2222 {\string\bidi@column@status
2223 {1}}}%
2224 \def\bidi@lastcolumn@status@write{%
2225 \protected@write\auxout{%
2226 {\string\bidi@column@status{2}}}%
2227 \or
2228 \let\bidi@firstcolumn@status@write\relax
2229 \let\bidi@lastcolumn@status@write\relax
2230 \fi}
2231
2232 \define@choicekey{bidi.sty}{logo}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2233 \ifcase\bidi@tempb\relax
2234 \AtBeginDocument{\@bidi@inslogo@}%
2235 \or
2236 \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
2237 \fi}
2238
2239 \define@choicekey{bidi.sty}{pdfinfo}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2240 \ifcase\bidi@tempb\relax
2241 \@bidi@pdfm@marktrue
2242 \or
2243 \@bidi@pdfm@markfalse
2244 \fi}
2245
2246 % The `perpagefootnote' option is documented in UK TeX FAQ at
2247 % <https://texfaq.org/FAQ-footnpp> (see last paragraph)
2248
2249 \define@choicekey{bidi.sty}{perpagefootnote}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
2250 \ifcase\bidi@tempb\relax
2251 \@bidi@perpage@footnotetrue
2252 \or
2253 \@bidi@perpage@footnotefalse
2254 \fi}
2255
2256 \ExecuteOptionsX{%
2257 DetectColumn=off%
2258 }
2259
2260 \ProcessOptionsX
2261
2262 \pdfencryptsetup{%
2263 userpassword,%
2264 ownerpassword,%
2265 keylength,%
2266 permissionflags%
2267 }

```



```

2268
2269 \if@extrafootnotefeatures
2270 \input{extrafootnotefeatures-xetex-bidi.def}
2271 \fi
2272 \newcount\bididigits
2273 \XeTeXinterchartokenstate=\@ne
2274 \newXeTeXintercharclass\bididigits@charclass
2275 \newXeTeXintercharclass\bidisepmark@charclass
2276 \XeTeXcharclass`\.\bidisepmark@charclass
2277 \XeTeXcharclass`\- \bidisepmark@charclass
2278 \bididigits=\0 \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
2279 \bididigits=\ \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
2280 \bididigits=\ \loop \XeTeXcharclass \bididigits \bididigits@charclass \ifnum\bididigit
2281 \XeTeXinterchartoks \bidisepmark@charclass \bididigits@charclass = {\DigitsDotDashInterCh
2282 \newcommand*{\DigitsDotDashInterCharToks}{\if@nonlatin\char"200F \fi}
2283 \bididigit\AtEndPreamble{%
2284 \if@bidi@perpage@footnote
2285 \RequirePackage{bidi-perpage}%
2286 \ResetCounterPerPage{footnote}%
2287 \fi
2288 \ifx\bidid@pdfencrypt@ownerpassword\bidid@empty
2289 \ifx\bidid@pdfencrypt@userpassword\bidid@empty
2290 \@bidid@pdfencryptfalse
2291 \else
2292 \@bidid@pdfencrypttrue
2293 \fi
2294 \else
2295 \@bidid@pdfencrypttrue
2296 \fi
2297 \if@bidi@pdfencrypt
2298 \special{pdf:encrypt
2299 userpw (\bidid@pdfencrypt@userpassword)
2300 ownerpw (\bidid@pdfencrypt@ownerpassword)
2301 length \bidid@pdfencrypt@keylength
2302 perm \bidid@pdfencrypt@permissionflags
2303 }%
2304 \fi
2305 }
2306 \AtEndDocument{%
2307 \special{pdf:%
2308 docinfo<<%
2309 \if@bidi@pdfm@mark
2310 /Creator(\@bidid@pdfcreator)%
2311 /Producer(\@bidid@pdfproducer)%
2312 \fi
2313 /BIDI.Fullbanner(\@bidid@pdfcustomproperties)%
2314 \if@bidi@csdef{@xepersian@pdfcustomproperties}{%
2315 /XEPERSIAN.Fullbanner(\@xepersian@pdfcustomproperties)%
2316 }{}%
2317 >>%
2318 }%
2319 }

```





## 20 File bidi.tex

```
2320 \def\bididate{2022/05/24}
2321 \catcode\@=11
2322 \def\bidi@version{37.0}
2323 \let \protect \relax
2324 \newlinechar`\^^J
2325 \edef\@bidi@info{*****~J%
2326 * ~J%
2327 * bidi package (Bidirectional typesetting in~J%
2328 * plain TeX and LaTeX, using XeTeX engine)~J%
2329 * ~J%
2330 * Description: A convenient interface for~J%
2331 * typesetting bidirectional texts in plain TeX~J%
2332 * and LaTeX. The package includes adaptations~J%
2333 * for use with many other commonly-used packages.~J%
2334 * ~J%
2335 * Copyright (c) 2007--2022 Vafa Khalighi~J%
2336 * Copyright (c) 2018--2020 bidi-tex GitHub organization~J%
2337 * ~J%
2338 * v\bidi@version, \bididate~J%
2339 * ~J%
2340 * License: LaTeX Project Public License, version~J%
2341 * 1.3c or higher (your choice)~J%
2342 * ~J%
2343 * Location on CTAN: /macros/xetex/latex/bidi~J%
2344 * ~J%
2345 * Issue tracker: https://github.com/kvafa/bidi/issues~J%
2346 * ~J%
2347 * Discussions: https://github.com/kvafa/bidi/discussions~J%
2348 * ~J%
2349 * Primary author of bidi package: Vafa Khalighi.~J%
2350 * ~J%
2351 *****}
2352 \message{\@bidi@info}
2353 \edef\bidi@everyjob{\the\everyjob}
2354 \everyjob{\bidi@everyjob\message{\@bidi@info}}
2355 \def\bidiversion{%
2356   \relax
2357   \ifmmode
2358     \bidi@version
2359   \else
2360     $\bidi@version$
2361   \fi
2362 }
2363 \input iftex.sty
2364 \RequireXeTeX
2365 \newif\if@bidi@pdfm@mark
2366 \newif\if@RTLmain
2367 \newif\if@RTL
2368 \newif\if@hboxRconstruct
2369 \newif\if@sentsdir
2370 \newif\if@RTL@footnote
2371 \@RTLmainfalse
```



```

2372 \def\setRTLmain{%
2373   \if@RTLmain\else
2374     \if@RTL\@RTLmaintrue%
2375     \else\@RTLmainfalse%
2376   \fi%
2377 \fi%
2378 }
2379 \let\n@xt=\
2380 \protected\def\LRE{\protect\pLRE}%
2381 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
2382 \protected\def\RLE{\protect\pRLE}
2383 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
2384 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
2385   \errmessage{Missing left brace has been substituted}\fi \bgroup}
2386 \newinsert\@bidi@copyins@
2387 \skip\@bidi@copyins@=12\p@
2388 \dimen\@bidi@copyins@=40pc
2389 \count\@bidi@copyins@=1000
2390 \def\@bidi@inslogo@{\insert\@bidi@copyins@{\@bidi@logo@}}
2391 \def\@bidi@logo@hb@xt@{%
2392   \if@RTLmain
2393     \hboxR to
2394   \else
2395     \hboxL to
2396   \fi
2397 }
2398 \def\@bidi@logo#1{%
2399   \toks@{%
2400     \setbox\z@\hbox{%
2401       \special{%
2402         pdf:image width 50pt height 50pt (#1)%
2403       }
2404     }%
2405     \dp\z@\z@
2406     \ht\z@=50pt
2407     \wd\z@=50pt
2408     \beginL
2409       \lower20pt\box\z@
2410     \endL
2411   }%
2412   \the\toks@
2413 }
2414 \def\@bidi@logo@{\@bidi@logo@hb@xt@\hsize{\hss\LRE{\bf Typeset by the bidi package\quad\@bidi@logo@}}
2415 \def\nobidilogo{\let\@bidi@logo@\empty \let\@bidi@inslogo@\empty}
2416 \def\@bidi@pdfcreator{%
2417   The bidi package, v\@bidi@version, \@bidi@date
2418 }
2419 \def\@bidi@pdfproducer{%
2420   The bidi package, v\@bidi@version, \@bidi@date
2421 }
2422 \def\@bidi@pdfcustomproperties{%
2423   This is the bidi package, Version \@bidi@version,
2424   Released May 24, 2022.
2425 }

```



```

2426 \def\bidi@pdfm@mark{%
2427   \special{pdf:%
2428     docinfo<<%
2429     \if\bidi@pdfm@mark
2430       /Creator(\@bidi@pdfcreator)%
2431       /Producer(\@bidi@pdfproducer)%
2432       \fi
2433       /BIDI.Fullbanner(\@bidi@pdfcustomproperties)%
2434     >>%
2435   }%
2436 }
2437 \def\bidipdfinfoon{\@bidi@pdfm@marktrue}
2438 \def\bidipdfinfooff{\@bidi@pdfm@markfalse}
2439 \input plain-xetex-bidi.def
2440 \@bidi@inslogo@
2441 \outer\def\bye{\par\vfill\supereject\bidi@pdfm@mark\end}
2442 \catcode\@=12
2443 \bidipdfinfoon

```

## 21 File bidi2in1.sty

```

2444 \NeedsTeXFormat{LaTeX2e}
2445 \ProvidesPackage{bidi2in1}
2446 \pagestyle{plain}
2447 \newcount\evenpage
2448 \newcount\oddpager
2449 \twocolumn
2450 \def\@oddfoot{\evenpage=\thepage%
2451 \multiply\evenpage by 2%
2452 \oddpager=\the\evenpage%
2453 \advance\oddpager by -1%
2454 \hfil\the\evenpage\hfil\hfil\the\oddpager\hfil}%
2455 \def\@evenfoot{\evenpage=\thepage%
2456 \multiply\evenpage by 2%
2457 \oddpager=\the\evenpage%
2458 \advance\oddpager by -1%
2459 \hfil\the\oddpager\hfil\hfil\the\evenpage\hfil}%
2460 \textwidth 9.49in
2461 \textheight 6.7in
2462 \columnsep 0.9in
2463 \columnseprule 0.125pt
2464 \headheight 0cm
2465 \topmargin 0in
2466 \marginparwidth 0in
2467 \marginparsep 0in
2468 \hoffset 0.05in % Corrected
2469 \voffset -0.5in %top margin space is 1.0in by default
2470 \oddsidemargin 0in
2471 \evensidemargin 0in
2472 \headsep 0cm
2473 \topskip 0cm
2474 \parskip 0.15in %
2475 \headsep 0pt
2476 \special{papersize=11.69in,8.26in}

```



```

2477 \renewcommand\maketitle{\par
2478 \begingroup
2479 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
2480 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
2481 \long\def\@makefntext##1{\parindent 1em\noindent
2482 \hb@xt@1.8em{%
2483 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
2484 \@maketitle
2485 \@thanks
2486 \endgroup
2487 \setcounter{footnote}{0}%
2488 \global\let\thanks\relax
2489 \global\let\maketitle\relax
2490 \global\let\@maketitle\relax
2491 \global\let\@thanks\@empty
2492 \global\let\@author\@empty
2493 \global\let\@date\@empty
2494 \global\let\@title\@empty
2495 \global\let\title\relax
2496 \global\let\author\relax
2497 \global\let\date\relax
2498 \global\let\and\relax
2499 }

```

## 22 File bidicode.sty

```

2500 \NeedsTeXFormat{LaTeX2e}
2501 \ProvidesPackage{bidicode}
2502 \RequirePackage{xcolor}
2503 \RequirePackage{showexpl}
2504 \definecolor{hellgelb}{rgb}{1,1,0.85}
2505 \definecolor{colKeys}{rgb}{0,0,1}
2506 \definecolor{colIdentifier}{rgb}{0,0,0}
2507 \definecolor{colComments}{rgb}{1,0,0}
2508 \definecolor{colString}{rgb}{0,0.5,0}
2509 \lstset{
2510     language=[LaTeX]TEX,
2511     float=hbp,
2512     basicstyle=\ttfamily\small,
2513     identifierstyle=\color{colIdentifier},
2514     keywordstyle=\color{colKeys},
2515     stringstyle=\color{colString},
2516     commentstyle=\color{colComments},
2517     backgroundcolor=\color{hellgelb},
2518     columns=flexible,
2519     tabsize=4,
2520     extendedchars=true,
2521     showspaces=false,
2522     showstringspaces=false,
2523     numbers=left,
2524     numbersep=0.9em,
2525     numberstyle=\tiny, %
2526     frame=single,
2527     captionpos=b,

```



```

2528 xleftmargin=1em,
2529 breaklines=true,
2530 breakautoindent=false,
2531 breakindent=0pt,
2532 escapeinside=**,
2533 pos=r,
2534 explpreset={%
2535 xleftmargin=1em,columns=flexible,language=[LaTeX]TEX},
2536 morekeywords={setLTR,setLR,setRTL,setRL,LRE,LR,RLE,RL,lr,bidiversion,bididate}
2537 }
2538 \newcommand\HLON{%
2539 \gdef\lst@alloverstyle##1{%
2540 \fboxrule=0pt
2541 \fboxsep=0pt
2542 \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
2543 }}
2544 \newcommand\HLOFF{%
2545 \xdef\lst@alloverstyle##1{##1}%
2546 }
2547 \newcommand\Larg [1]{\normalfont\itshape#1\!/}
2548 \newcommand\Larga[1]{\langle$\Larg{#1}$\rangle$}
2549 \newcommand\Largb[1]{\lcb\Larg{#1}\rcb}
2550 \newcommand\Largs[1]{\lsb\Larg{#1}\rsb}
2551 \newcommand\Largr[1]{\lrb\Larg{#1}\rrb}
2552 \newcommand\LBEG[1]{\normalfont\ttfamily\bs{}begin\lcb#1\rcb}
2553 \newcommand\LEND[1]{\normalfont\ttfamily\bs{}end\lcb#1\rcb}
2554
2555 \DeclareRobustCommand\bs{\normalfont\ttfamily\symbol{92}}
2556 \DeclareRobustCommand\lcb{\normalfont\ttfamily\char`{}}
2557 \DeclareRobustCommand\rcb{\normalfont\ttfamily\char`{}}
2558 \DeclareRobustCommand\lsb{\normalfont\ttfamily[]}
2559 \DeclareRobustCommand\rsb{\normalfont\ttfamily{}}
2560 \DeclareRobustCommand\lrb{\normalfont\ttfamily{}}
2561 \DeclareRobustCommand\rrb{\normalfont\ttfamily{}}
2562
2563 \def\Lcs#1{\nxLcs{#1}}
2564 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
2565 \def\nxLcs#1{\texttt{\symbol{92}#1}}
2566
2567 \def\Coordx#1{$x_{#1}$}
2568 \def\Coordy#1{$y_{#1}$}
2569 \def\Coordz#1{$z_{#1}$}
2570 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
2571 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
2572 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
2573 \def\CAny{\Coordx{},\kern 1pt\Coordy{}}
2574 \def\CIIIAny{\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
2575 \def\coord#1{(\Coordx{#1},\kern 1pt\Coordy{#1})}
2576 \def\coordn{(\Coordx{n},\kern 1pt\Coordy{n})}
2577 \def\coordi#1{(\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1})}
2578 \def\coordx#1{($x_{#1}$)}
2579 \def\coordy#1{($y_{#1}$)}
2580 \def\coordz#1{($z_{#1}$)}
2581 \def\cAny{(\Coordx{},\kern 1pt\Coordy{}}

```



```

2582 \def\ciiAny{(\Coordx{},{\kern 1pt\Coordy{},{\kern 1pt\Coordz{}})}
2583
2584 \newsavebox{\boxdef}
2585 \newenvironment{BDef}
2586   {\begin{lrbox}\boxdef
2587     \def\arraystretch{1.0}
2588     \begin{tabular}{@{}l@{}l@{}l@{}}
2589   }
2590   {\end{tabular}\end{lrbox}}
2591
2592   {\BCmd\fbbox{\usebox\boxdef}\endBCmd}
2593   \aftergroup\@afterindentfalse\aftergroup\@afterheading
2594 }
2595
2596 \newenvironment{BDef*}
2597   {\begin{lrbox}\boxdef
2598     \def\arraystretch{1.0}
2599     \begin{tabular}{@{}l@{}l@{}l@{}}
2600   }
2601   {\end{tabular}\end{lrbox}}
2602   {\begin{BCmd*}\fbbox{\usebox\boxdef}\end{BCmd*}}
2603   \aftergroup\@afterindentfalse\aftergroup\@afterheading
2604 }
2605 \newenvironment{BCmd*}{
2606   \@beginparpenalty-\@lowpenalty
2607   \topsep\BDefaboveskip
2608   \fbboxsep3pt
2609   \flushleft}
2610 {\@endparpenalty\@M
2611   \topsepadd\BDefbelowskip
2612   \endflushleft}
2613
2614 \newenvironment{BCmd*}{
2615   \@beginparpenalty\@M
2616   \topsep\BDefinlineskip
2617   \fbboxsep3pt
2618   \flushleft}
2619 {\@endparpenalty5000
2620   \endflushleft}
2621
2622 \newskip\BDefaboveskip
2623 \newskip\BDefbelowskip
2624 \newskip\BDefinlineskip
2625 \setlength\BDefaboveskip{10pt plus 4pt}
2626 \setlength\BDefbelowskip{6pt}
2627 \setlength\BDefinlineskip{6pt}
2628
2629 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}\kern1pt}
2630 \def\OptArg{\@ifnextchar*\OptArgi{\OptArg@ii*}}
2631 \def\OptArg@i*#1{\colorbox{black!20}{\texttt{#1}}\kern1pt}
2632 \def\OptArg@ii*#1{\colorbox{black!20}{\texttt{#1}}}\kern1pt}

```

## 23 File bidiftnxtra.sty



```

2633 \NeedsTeXFormat{LaTeX2e}
2634 \ProvidesPackage{bidiftnxtra}
2635 \newtoks\bidip@ftn
2636 \let\FN@sffootnote\footnote
2637 \let\FN@sffootnote\LTRfootnote
2638 \let\FN@sffootnote\RTLfootnote
2639 \def\footnote{\ifx\protect\@typeset@protect
2640   \expandafter\FN@sffootnote
2641   \else
2642     \expandafter\FN@sfgobble@opt
2643   \fi
2644 }
2645 \def\LTRfootnote{\ifx\protect\@typeset@protect
2646   \expandafter\FN@sffootnote
2647   \else
2648     \expandafter\FN@sfgobble@opt
2649   \fi
2650 }
2651 \def\RTLfootnote{\ifx\protect\@typeset@protect
2652   \expandafter\FN@sffootnote
2653   \else
2654     \expandafter\FN@sfgobble@opt
2655   \fi
2656 }
2657 \edef\FN@sfgobble@opt{\noexpand\protect
2658   \expandafter\noexpand\csname FN@sfgobble@opt \endcsname}
2659 \expandafter\def\csname FN@sfgobble@opt \endcsname{%
2660   \@ifnextchar[%]
2661     \FN@sfgobble@twobrace
2662     \@gobble
2663 }
2664 \def\FN@sfgobble@twobrace[#1]#2{}
2665 \let\FN@sffootnotemark\footnotemark
2666 \def\footnotemark{\ifx\protect\@typeset@protect
2667   \expandafter\FN@sffootnotemark
2668   \else
2669     \expandafter\FN@sfgobble@optonly
2670   \fi
2671 }
2672 \edef\FN@sfgobble@optonly{\noexpand\protect
2673   \expandafter\noexpand\csname FN@sfgobble@optonly \endcsname}
2674 \expandafter\def\csname FN@sfgobble@optonly \endcsname{%
2675   \@ifnextchar[%]
2676     \FN@sfgobble@brace
2677     {}%
2678 }
2679 \def\FN@sfgobble@brace[#1]{}
2680 \def\@tabular{%
2681   \leavevmode \hbox \bgroup
2682   \let\@footnotetext\bidip@ftntext
2683   \let\@LTRfootnotetext\bidip@LTRftntext
2684   \let\@RTLfootnotetext\bidip@RTLftntext
2685   \let\@xfootnotenext\bidip@xftntext
2686   \let\@xfootnote\bidip@xfootnote

```



```

2687 \let\@xLTRfootnotenext\bidip@xLTRftntext
2688 \let\@xLTRfootnote\bidip@xLTRfootnote
2689 \let\@xRTLfootnotenext\bidip@xRTLftntext
2690 \let\@xRTLfootnote\bidip@xRTLfootnote
2691 \if@RTLtab\beginR \fi
2692 $\let\@acol\@tabacol
2693 \let\@classz\@tabclassz
2694 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
2695 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
2696 \egroup $\if@RTLtab\endR\fi\egroup
2697 \ifx\@cptype\@undefined
2698 \global\bidip@ftn\expandafter{\expandafter}\the\bidip@ftn\fi}
2699 \long\def\bidip@ftntext#1{%
2700 \edef\@tempy{\the\bidip@ftn\noexpand\footnotetext[\the\csname c@\mpfn\endcsname]}%
2701 \global\bidip@ftn\expandafter{\@tempy{#1}}}%
2702 \long\def\bidip@LTRftntext#1{%
2703 \edef\@tempyi{\the\bidip@ftn\noexpand\LTRfootnotetext[\the\csname c@\mpfn\endcsname]}%
2704 \global\bidip@ftn\expandafter{\@tempyi{#1}}}%
2705 \long\def\bidip@RTLftntext#1{%
2706 \edef\@tempyii{\the\bidip@ftn\noexpand\RTLfootnotetext[\the\csname c@\mpfn\endcsname]}%
2707 \global\bidip@ftn\expandafter{\@tempyii{#1}}}%
2708
2709
2710 \long\def\bidip@xftntext[#1]#2{%
2711 \global\bidip@ftn\expandafter{\the\bidip@ftn\footnotetext[#1]{#2}}}
2712
2713 \long\def\bidip@xLTRftntext[#1]#2{%
2714 \global\bidip@ftn\expandafter{\the\bidip@ftn\LTRfootnotetext[#1]{#2}}}
2715
2716 \long\def\bidip@xRTLftntext[#1]#2{%
2717 \global\bidip@ftn\expandafter{\the\bidip@ftn\RTLfootnotetext[#1]{#2}}}
2718
2719
2720 \def\bidip@xfootnote[#1]{%
2721 \begingroup
2722 \csname c@\mpfn\endcsname #1\relax
2723 \unrestored@protected@xdef\@thefnmark{\thempfn}%
2724 \endgroup
2725 \@footnotemark\bidip@xftntext[#1]}
2726
2727
2728 \def\bidip@xLTRfootnote[#1]{%
2729 \begingroup
2730 \csname c@\mpfn\endcsname #1\relax
2731 \unrestored@protected@xdef\@thefnmark{\thempfn}%
2732 \endgroup
2733 \@footnotemark\bidip@xLTRftntext[#1]}
2734
2735
2736 \def\bidip@xRTLfootnote[#1]{%
2737 \begingroup
2738 \csname c@\mpfn\endcsname #1\relax
2739 \unrestored@protected@xdef\@thefnmark{\thempfn}%
2740 \endgroup

```





```

2741 \footnotemark\bidip@xRTLftntext[#1]}
2742
2743 \def\xfloat #1[#2]{%
2744 \nodocument
2745 \def \capttype {#1}%
2746 \def \fps {#2}%
2747 \onelevel@sanitize \fps
2748 \def \reserved@b {!}%
2749 \ifx \reserved@b \fps
2750 \fpsadddefault
2751 \else
2752 \ifx \fps \empty
2753 \fpsadddefault
2754 \fi
2755 \fi
2756 \ifhmode
2757 \bsphack
2758 \@floatpenalty -\Mii
2759 \else
2760 \@floatpenalty-\Miii
2761 \fi
2762 \ifinner
2763 \parmoderr\@floatpenalty\z@
2764 \else
2765 \@next\@currbox\@freelist
2766 {%
2767 \@tempcnta \sixt@n
2768 \expandafter \tfor \expandafter \reserved@a
2769 \expandafter :\expandafter =\fps
2770 \do
2771 {%
2772 \if \reserved@a h%
2773 \ifodd \@tempcnta
2774 \else
2775 \advance \@tempcnta \@ne
2776 \fi
2777 \fi
2778 \if \reserved@a t%
2779 \setfpsbit \tw@
2780 \fi
2781 \if \reserved@a b%
2782 \setfpsbit 4%
2783 \fi
2784 \if \reserved@a p%
2785 \setfpsbit 8%
2786 \fi
2787 \if \reserved@a !%
2788 \ifnum \@tempcnta>15
2789 \advance\@tempcnta -\sixt@n\relax
2790 \fi
2791 \fi
2792 }%
2793 \@tempcntb \csname ftype@\capttype \endcsname
2794 \multiply \@tempcntb \xxxii

```



```

2795      \advance \@tempcnta \@tempcntb
2796      \global \count\@currbox \@tempcnta
2797      }%
2798      \@fltovf
2799      \fi
2800      \global \setbox\@currbox
2801      \color@vbox
2802      \normalcolor
2803      \vbox \bgroup
2804      \let\@footnotetext\bidip@ftntext
2805      \let\@LTRfootnotetext\bidip@LTRftntext
2806      \let\@RTLfootnotetext\bidip@RTLftntext
2807      \let\@xfootnotenext\bidip@xftntext
2808      \let\@xfootnote\bidip@xfootnote
2809      \let\@xLTRfootnotenext\bidip@xLTRftntext
2810      \let\@xLTRfootnote\bidip@xLTRfootnote
2811      \let\@xRTLfootnotenext\bidip@xRTLftntext
2812      \let\@xRTLfootnote\bidip@xRTLfootnote
2813      \hsize\columnwidth
2814      \@parboxrestore
2815      \@floatboxreset
2816  }
2817  \def \endfloatbox{%
2818      \par\vskip\z@skip      %% \par\vskip\z@ added 15 Dec 87
2819      \@minipagefalse
2820      \outer@nobreak
2821      \egroup      %% end of vbox
2822      \global\bidip@ftn\expandafter{\expandafter}\the\bidip@ftn
2823      \color@endbox
2824  }

```

## 24 File bidimoderncv.cls

```

2825 \NeedsTeXFormat{LaTeX2e}
2826 \ProvidesClass{bidimoderncv}
2827 \newif\if@DEBUG\@DEBUGfalse
2828 \DeclareOption{a4paper}{
2829   \setlength\paperheight{297mm}
2830   \setlength\paperwidth{210mm}}
2831 \DeclareOption{a5paper}{
2832   \setlength\paperheight{210mm}
2833   \setlength\paperwidth{148mm}}
2834 \DeclareOption{b5paper}{
2835   \setlength\paperheight{250mm}
2836   \setlength\paperwidth{176mm}}
2837 \DeclareOption{letterpaper}{
2838   \setlength\paperheight{11in}
2839   \setlength\paperwidth{8.5in}}
2840 \DeclareOption{legalpaper}{
2841   \setlength\paperheight{14in}
2842   \setlength\paperwidth{8.5in}}
2843 \DeclareOption{executivepaper}{
2844   \setlength\paperheight{10.5in}
2845   \setlength\paperwidth{7.25in}}

```



```

2846 \DeclareOption{landscape}{
2847   \setlength\@tempdima{\paperheight}
2848   \setlength\paperheight{\paperwidth}
2849   \setlength\paperwidth{\@tempdima}
2850 \newcommand\@ptsize{}
2851 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
2852 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
2853 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
2854 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
2855 \DeclareOption{final}{\setlength\overfullrule{0pt}}
2856 \newif\if@colour\@colourtrue
2857 \DeclareOption{nocolour}{\@colourfalse}
2858 \ExecuteOptions{a4paper,11pt,colour,final}
2859 \ProcessOptions\relax
2860 \input{size1\@ptsize.clo}
2861 \RequirePackage{color}
2862 \RequirePackage{graphicx}
2863 \RequirePackage{ifthen}
2864 \RequirePackage{marvosym}
2865 \addtolength{\oddsidemargin}{-54pt}
2866 \addtolength{\textwidth}{109pt}
2867 \addtolength{\topmargin}{-70pt}
2868 \addtolength{\textheight}{122pt}
2869 \addtolength{\marginparsep}{-5pt}
2870 \addtolength{\marginparwidth}{-10pt}
2871 \RequirePackage{url}
2872 \RequirePackage{hyperref}
2873 \hypersetup{%
2874   breaklinks,
2875   baseurl      = http://,%
2876   pdfborder    = 0 0 0,%
2877   pdfpagemode  = UseNone,%
2878   pdfstartpage = 1}
2879 \AtEndOfClass{%
2880   \AtBeginDocument{%
2881     \hypersetup{%
2882       pdfauthor    = \@firstname~\@familyname,%
2883       pdftitle     = \@title,%
2884       pdfsubject   = \@firstname~\@familyname,%
2885       pdfkeywords  = \@resumename~\@firstname~\@familyname}}}
2886 \urlstyle{tt}
2887 \RequirePackage{fancyhdr}
2888 \fancypagestyle{plain}{%
2889   \renewcommand{\headrulewidth}{0pt}
2890   \renewcommand{\footrulewidth}{0pt}
2891   \fancyhf{}}
2892 \pagestyle{plain}
2893 \setlength\lineskip{1\p@}
2894 \setlength\normallineskip{1\p@}
2895 \renewcommand\baselinestretch{}
2896 \setlength{\parindent}{0pt}
2897 \setlength{\parskip}{0pt}
2898 \setlength\columnsep{10\p@}
2899 \setlength\columnseprule{0\p@}

```



```

2900 \pagestyle{empty}
2901 \pagenumbering{arabic}
2902 \raggedbottom
2903 \onecolumn
2904 \providecommand*{\listitemsymbol}{\textbullet}
2905 \providecommand*{\addresssymbol}{}
2906 \providecommand*{\mobilesymbol}{\Mobilefone}
2907 \providecommand*{\phonesymbol}{\Telefon}
2908 \providecommand*{\faxsymbol}{\FAX}
2909 \providecommand*{\emailsymbol}{\Letter}
2910 \definecolor{firstnamecolour}{rgb}{0,0,0}
2911 \def\firstnamecolour#1{\gdef\@firstnamecolour{\addfontfeature{Color=#1}}}
2912 \def\familynamecolour#1{\gdef\@familynamecolour{\addfontfeature{Color=#1}}}
2913 \def\titlecolour#1{\gdef\@titlecolour{\addfontfeature{Color=#1}}}
2914 \def\addresscolour#1{\gdef\@addresscolour{\addfontfeature{Color=#1}}}
2915 \def\quotecolour#1{\gdef\@quotecolour{\addfontfeature{Color=#1}}}
2916 \def\sectiontitlecolour#1{\gdef\@sectiontitlecolour{\addfontfeature{Color=#1}}}
2917 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
2918 \def\subsectioncolour#1{\gdef\@subsectioncolour{\addfontfeature{Color=#1}}}
2919 \def\hintcolour#1{\gdef\@hintcolour{\addfontfeature{Color=#1}}}
2920 \providecommand*{\firstnamefont}{}
2921 \providecommand*{\familynamefont}{}
2922 \providecommand*{\titlefont}{}
2923 \providecommand*{\addressfont}{}
2924 \providecommand*{\quotefont}{}
2925 \providecommand*{\sectionfont}{}
2926 \providecommand*{\subsectionfont}{}
2927 \providecommand*{\hintfont}{\small}
2928 \providecommand*{\firstnamestyle}[1]{\@firstnamefont\@firstnamecolour#1}
2929 \providecommand*{\familynamestyle}[1]{\@familynamefont\@familynamecolour#1}
2930 \providecommand*{\titlestyle}[1]{\@titlefont\@titlecolour#1}
2931 \providecommand*{\addresstyle}[1]{\@addressfont\@addresscolour#1}
2932 \providecommand*{\quotestyle}[1]{\@quotefont\@quotecolour#1}
2933 \providecommand*{\sectionstyle}[1]{\@sectionfont\@sectiontitlecolour#1}
2934 \providecommand*{\subsectionstyle}[1]{\@subsectionfont\@subsectioncolour#1}
2935 \providecommand*{\hintstyle}[1]{\@hintfont\@hintcolour#1}
2936 \newcommand*{\cvtheme}[2][]{
2937   \def\@cvtheme{#2}
2938   \def\@cvthemeoptions{#1}}
2939 \cvtheme{bidi-casual}
2940 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
2941 \newcommand*{\resumenamename}[1]{\def\@resumenamename{#1}}
2942 \newcommand*{\firstname}[1]{\def\@firstname{#1}}
2943 \newcommand*{\familyname}[1]{\def\@familyname{#1}}
2944 \renewcommand*{\title}[1]{\def\@title{#1}}
2945 \newcommand*{\address}[1]{\def\@address{#1}}
2946 \newcommand*{\mobile}[1]{\def\@mobile{#1}}
2947 \newcommand*{\phone}[1]{\def\@phone{#1}}
2948 \renewcommand*{\fax}[1]{\def\@fax{#1}}
2949 \newcommand*{\email}[1]{\def\@email{#1}}
2950 \newcommand*{\extrainfo}[1]{\def\@extrainfo{#1}}
2951 \def\@photowidth{Opt}
2952 \newcommand*{\photo}[2][64pt]{\def\@photowidth{#1}\def\@photo{#2}}
2953 \newcommand*{\quote}[1]{\def\@quote{#1}}

```



```

2954 \newlength{\quotewidth}
2955 \newlength{\hintscolumnwidth}
2956 \newlength{\separatorcolumnwidth}
2957 \setlength{\separatorcolumnwidth}{0.025\textwidth}
2958 \newlength{\maincolumnwidth}
2959 \newlength{\doubleitemmaincolumnwidth}
2960 \newlength{\listitemsymbolwidth}
2961 \settoheight{\listitemsymbolwidth}{\listitemsymbol{}}~}
2962 \newlength{\listitemmaincolumnwidth}
2963 \newlength{\listdoubleitemmaincolumnwidth}
2964 \newcommand*{\recomputethemelengths}{%
2965 \newcommand*{\recomputelengths}{%
2966 \setlength{\quotewidth}{0.65\textwidth}%
2967 \setlength{\maincolumnwidth}{\textwidth}%
2968 \addtolength{\maincolumnwidth}{-\separatorcolumnwidth}%
2969 \addtolength{\maincolumnwidth}{-\hintscolumnwidth}%
2970 \setlength{\listitemmaincolumnwidth}{\maincolumnwidth}%
2971 \addtolength{\listitemmaincolumnwidth}{-\listitemsymbolwidth}%
2972 \setlength{\doubleitemmaincolumnwidth}{\maincolumnwidth}%
2973 \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
2974 \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
2975 \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
2976 \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
2977 \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
2978 \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
2979 \renewcommand{\headwidth}{\textwidth}%
2980 \recomputethemelengths}
2981 \setlength{\hintscolumnwidth}{0.15\textwidth}
2982 \recomputelengths
2983 \title{}
2984 \renewcommand*{\maketitle}{}
2985 \newcommand*{\section}[1]{%
2986 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
2987 \phantomsection}%
2988 \addcontentsline{toc}{part}{#1}%
2989 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectangle}
2990 \hspace{\separatorcolumnwidth}%
2991 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\[\[1ex]}
2992 \newcommand*{\subsection}[1]{%
2993 \cvline[0.45em]{\subsectionstyle{#1}}
2994 \newcommand*{\cvline}[3][.25em]{%
2995 \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}
2996 \bidi@raggedleft\hintfont{#2} &{#3}%
2997 \end{tabular}}\[\[1]}
2998 \newcommand*{\cvsdoubleitem}[4]{%
2999 \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
3000 \hfill%
3001 \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\
3002 \newcommand*{\cvlistitem}[2][\listitemsymbol{}]{%
3003 \cvline[0pt]{\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}
3004 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol{}]{%
3005 \cvline[0pt]{\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
3006 \hfill%
3007 \ifthenelse{\equal{#3}{}}{

```



```

3008     {}%
3009     {#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth#3\end{minipage}}}}
3010 \newcommand*{\cventry}[6]{%
3011   \cvline{#1}{%
3012     {\bfseries#2}%
3013     \ifx#3\else{, {\slshape#3}}\fi%
3014     \ifx#4\else{, #4}\fi%
3015     \ifx#5\else{, #5}\fi%
3016     .%
3017     \ifx#6\else{\newline{}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi
3018   }%
3019 \newcommand*{\cvlanguage}[3]{%
3020   \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{minipage}[t]{.775\maincolumnwidth}\small#3\end{minipage}}
3021 \newcommand*{\cvcomputer}[4]{%
3022   \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}
3023 \newcommand*{\link}[2][]{%
3024   \ifthenelse{\equal{#1}{}}{%
3025     {\href{#2}{#2}}%
3026     {\href{#2}{#1}}}
3027 \newcommand*{\httplink}[2][]{%
3028   \ifthenelse{\equal{#1}{}}{%
3029     {\href{http://#2}{#2}}%
3030     {\href{http://#2}{#1}}}
3031 \newcommand*{\emailink}[2][]{%
3032   \ifthenelse{\equal{#1}{}}{%
3033     {\href{mailto:#2}{#2}}%
3034     {\href{mailto:#2}{#1}}}
3035 \newif\if@displaypagenumbers\@displaypagenumberstrue
3036 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
3037 \AtBeginDocument{%
3038   \if@displaypagenumbers%
3039     \ifundefined{r@lastpage}{\fi%
3040       \ifthenelse{\pageref{lastpage} > 1}{%
3041         \fancypagestyle{plain}{%
3042           \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL/\endL\pageref{lastpage}}%
3043         \pagestyle{plain}}}%
3044   \AtEndDocument{\label{lastpage}}%
3045   \fi}
3046 \newlength{\bibindent}
3047 \setlength{\bibindent}{1.5em}
3048 \newcommand*{\bibliographyitemlabel}{\includegraphics{bidi-bibitem.pdf}}
3049 \newenvironment{thebibliography}[1]{%
3050   {%
3051     \section{\refname}%
3052     \small%
3053     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
3054     \bidi@thebibliography@font@hook%
3055     \begin{list}{\bibliographyitemlabel}%
3056       {%
3057         \setlength{\topsep}{0pt}%
3058         \setlength{\labelwidth}{\hintscolumnwidth}%
3059         \setlength{\labelsep}{\separatorcolumnwidth}%
3060         \leftmargin\labelwidth%
3061         \advance\leftmargin\labelsep%

```



```

3062      \@openbib@code%
3063      \usecounter{enumiv}%
3064      \let\p@enumiv\@empty%
3065      \renewcommand\theenumiv{\@arabic\c@enumiv}}%
3066      \sloppy\clubpenalty4000\widowpenalty4000%
3067  }%
3068  {%
3069      \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
3070      \end{list}%
3071  }
3072  \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
3073  \let\@openbib@code\@empty

```

## 25 File bidi-perpage.sty

```

3074 \NeedsTeXFormat{LaTeX2e}
3075 \ProvidesPackage{bidi-perpage}[2018/10/04 v0.4 Reset counter(s) on every page]
3076 \newcount\bidi@page@count
3077 \bidi@page@count\@ne
3078 \newcommand*{\ResetCounterPerPage}[2][\z@]{%
3079   \if@bidi@csundef\bidi@stepcounterhook@#2}%
3080   \expandafter\gdef\csname bidi@stepcounterhook@#2\endcsname{%
3081   }%
3082   \if@bidi@csundef\if@bidi@reset@#2@rerun}%
3083   \expandafter\newif\csname if@bidi@reset@#2@rerun\endcsname
3084   }%
3085   \if@bidi@csundef\bidi@#2@count}%
3086   \expandafter\newcount\csname bidi@#2@count\endcsname
3087   }%
3088   \csname bidi@#2@count\endcsname\z@
3089   \if@bidi@csundef\bidi@previous@page@#2@count}%
3090   \expandafter\newcount\csname
3091     bidi@previous@page@#2@count\endcsname
3092   }%
3093   \csname bidi@previous@page@#2@count\endcsname\z@
3094   \if@bidi@csundef\bidi@reset@#2@perpage}%
3095   \bidi@AfterEndDocumentCheckLabelsRerun{%
3096     \csname if@bidi@reset@#2@rerun\endcsname
3097     \PackageWarningNoLine{bidi-perpage}{%
3098       Counter `#2' may not have been reset per page.
3099       Rerun to reset counter `#2' per page%
3100     }%
3101     \fi
3102   }%
3103   }%
3104   \expandafter\gdef\csname bidi@reset@#2@perpage\endcsname{%
3105     \global\advance\csname bidi@#2@count\endcsname\@ne
3106     \if@files@
3107       \edef\@tempa{%
3108         \write\@auxout{%
3109           \string\bidi@counter@page{#2}%
3110           {\number\csname bidi@#2@count\endcsname}%
3111           {\noexpand\number\noexpand\bidi@page@count}%
3112         }%

```



```

3113     }%
3114     \@tempa
3115     \fi
3116     \begingroup\expandafter\expandafter\expandafter\endgroup
3117     \expandafter\ifx\csname bidi@#2@@\number\csname
3118     bidi@#2@count\endcsname\endcsname\relax
3119     \global\csname @bidi@reset@#2@reruntrue\endcsname
3120     \else
3121     \global\csname @bidi@reset@#2@rerunfalse\endcsname
3122     \expandafter\@tempcnta\csname bidi@#2@@\number
3123     \csname bidi@#2@count\endcsname\endcsname\relax
3124     \ifnum\@tempcnta=\csname
3125     bidi@previous@page@@#2@count\endcsname
3126     \else
3127     \global\csname
3128     bidi@previous@page@@#2@count\endcsname\@tempcnta
3129     \global\csname c@#2\endcsname#1\relax
3130     \fi
3131     \fi
3132     }%
3133     \expandafter\bidi@gappto\csname
3134     bidi@stepcounterhook@@#2\endcsname{%
3135     \csname bidi@reset@#2@perpage\endcsname
3136     }%
3137 }
3138 \def\bidi@counter@page#1#2#3{\bidi@namegdef\bidi@#1@#2}{#3}}
3139 \bidi@AtEndOutputPage{%
3140 \global\advance\bidi@page@count\@ne
3141 }

```

## 26 File biditools.sty

```

3142 \NeedsTeXFormat{LaTeX2e}
3143 \ProvidesPackage{biditools}[2022/02/01 v2.1 Programming tools for bidi package]
3144 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar`\relax
3145 \edef\@tempa{\string#1}\edef\@tempb{\meaning#1}%
3146 \ifx\@tempa\@tempb \global\let#2#1%
3147 \else
3148 \edef\@tempb{\meaning#2}%
3149 \ifx\@tempa\@tempb
3150 \else
3151 \latexerror{Unable to properly define \string#2; primitive
3152 \noexpand#1no longer primitive}\@eha
3153 \fi
3154 \fi
3155 \endgroup}
3156 \newtoks\@bidi@envbody
3157 \newtoks\@bidi@emptytoks
3158 \def\bidi@addto@envbody#1{\global\@bidi@envbody\expandafter{\the\@bidi@envbody#1}}
3159 \def\bidi@collect@body#1{%
3160 \@bidi@envbody{\expandafter#1\expandafter{\the\@bidi@envbody}}%
3161 \edef\bidi@process@envbody{\the\@bidi@envbody\noexpand\end{\@currenvir}}%
3162 \@bidi@envbody\@bidi@emptytoks \def\begin@bidi@stack{b}%
3163 \begingroup

```





```

3164 \expandafter\let\csname\@currentvir\endcsname\@currentvir\endcsname\@body
3165 \edef\@bidi@process@envbody{\expandafter\noexpand\csname\@currentvir\endcsname}%
3166 \bidi@process@envbody
3167 }
3168 \def\bidi@push@begins#1\begin#2{%
3169 \ifx\end#2\else b\expandafter\bidi@push@begins\fi
3170 }
3171 \def\bidi@collect@@body#1\end#2{%
3172 \edef\begin@bidi@stack{\bidi@push@begins#1\begin\end \expandafter\@gobble\begin@bidi@stack
3173 \ifx\@empty\begin@bidi@stack
3174 \endgroup
3175 \@checkend{#2}%
3176 \bidi@addto@envbody{#1}%
3177 \else
3178 \bidi@addto@envbody{#1\end{#2}}%
3179 \fi
3180 \bidi@process@envbody % A little tricky! Note the grouping
3181 }
3182 \long\def\bidi@addto@long@envbody#1{\global\@bidi@envbody\expandafter{\the\@bidi@envbody#1}}
3183 \long\def\bidi@collect@long@body#1{%
3184 \@bidi@envbody{\expandafter#1\expandafter{\the\@bidi@envbody}}%
3185 \edef\bidi@process@envbody{\the\@bidi@envbody\noexpand\end{\@currentvir}}%
3186 \@bidi@envbody\@bidi@emptytoks \def\begin@bidi@stack{b}%
3187 \begingroup
3188 \expandafter\let\csname\@currentvir\endcsname\bidi@collect@long@@body
3189 \edef\bidi@process@envbody{\expandafter\noexpand\csname\@currentvir\endcsname}%
3190 \bidi@process@envbody
3191 }
3192 \long\def\bidi@push@long@begins#1\begin#2{%
3193 \ifx\end#2\else b\expandafter\bidi@push@long@begins\fi
3194 }
3195 \long\def\bidi@collect@long@@body#1\end#2{%
3196 \edef\begin@bidi@stack{\bidi@push@long@begins#1\begin\end \expandafter\@gobble\begin@bidi@
3197 \ifx\@empty\begin@bidi@stack
3198 \endgroup
3199 \@checkend{#2}%
3200 \bidi@addto@long@envbody{#1}%
3201 \else
3202 \bidi@addto@long@envbody{#1\end{#2}}%
3203 \fi
3204 \bidi@process@envbody % A little tricky! Note the grouping
3205 }
3206 \long\def\bidi@new@ifnextchar#1#2#3{%
3207 \let\reserved@d= #1%
3208 \def\reserved@a{#2}\def\reserved@b{#3}%
3209 \futurelet\@let@token\bidi@new@ifnch
3210 }
3211 \def\bidi@new@ifnch{%
3212 \ifx\@let@token\reserved@d \let\reserved@b\reserved@a \fi
3213 \reserved@b
3214 }
3215 \def\bidi@matrix@check#1{%
3216 \expandafter\ifx\csname\@currentvir\endcsname#1%
3217 \else\bidi@matrix@error#1%

```



```

3218 \expandafter\@gobble
3219 \fi
3220 }
3221 \def\ bidi@matrix@error#1{%
3222 \PackageError{biditools}{%
3223 Old form '\string#1' should be \string\begin{\expandafter\@gobble\string#1}%
3224 }{%
3225 '\string#1{...}' is old bidi package syntax whose use is
3226 ill-advised in the old versions of bidi package.%
3227 }%
3228 }
3229 \def\@tagsextension{clo}
3230 \def\@definitionfileextension{def}
3231 \def\@texfileextension{tex}
3232 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
3233 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
3234 \def\@iftexfileloaded{\@ifl@aded\@texfileextension}
3235 \def\eqnewif#1#2{%
3236 \count@\escapechar \escapechar\m@ne
3237 \let#1\iffalse
3238 \let#2\iffalse
3239 \eq@if#1#2\iftrue
3240 \eq@if#1#2\iffalse
3241 \escapechar\count@}
3242 \def\eq@if#1#2#3{%
3243 \expandafter\def\csname\expandafter\@gobbletwo\string#1%
3244 \expandafter\@gobbletwo\string#3\endcsname
3245 {\let#1#3%
3246 \let#2#3}%
3247 \expandafter\def\csname\expandafter\@gobbletwo\string#2%
3248 \expandafter\@gobbletwo\string#3\endcsname
3249 {\let#2#3%
3250 \let#1#3}}
3251 \newcommand*\SetBoolean}[2]{%
3252 \lowercase{\def\@tempa{#2}}%
3253 \@ifundefined{@tempwa\@tempa}%
3254 {\PackageError{biditools}%
3255 {You can only set a boolean to `true' or `false'}\@ehc}%
3256 {\@ifundefined{#1\@tempa}%
3257 {\PackageError{biditools}{Boolean #1 undefined}\@ehc}%
3258 {\csname#1\@tempa\endcsname}}}
3259 \newcommand*\GlobalSetBoolean}[2]{%
3260 \lowercase{\def\@tempa{#2}}%
3261 \@ifundefined{@tempwa\@tempa}%
3262 {\PackageError{biditools}%
3263 {You can only set a boolean to `true' or `false'}\@ehc}%
3264 {\@ifundefined{#1\@tempa}%
3265 {\PackageError{biditools}{Boolean #1 undefined}\@ehc}%
3266 {\global\csname#1\@tempa\endcsname}}}
3267 \newcommand*\SetatBoolean}[2]{%
3268 \lowercase{\def\@tempa{#2}}%
3269 \@ifundefined{@tempwa\@tempa}%
3270 {\PackageError{biditools}%
3271 {You can only set a boolean to `true' or `false'}\@ehc}%

```



```

3272     {\@ifundefined{@#1\@tempa}%
3273       {\PackageError{biditools}{Boolean @#1 undefined}\@ehc}%
3274       {\csname @#1\@tempa\endcsname}}}
3275 \newcommand*{\GlobalSetatBoolean}[2]{%
3276   \lowercase{\def\@tempa{#2}}%
3277   \@ifundefined{@tempwa\@tempa}%
3278     {\PackageError{biditools}%
3279       {You can only set a boolean to `true' or `false'}\@ehc}%
3280     {\@ifundefined{@#1\@tempa}%
3281       {\PackageError{biditools}{Boolean @#1 undefined}\@ehc}%
3282       {\global\csname @#1\@tempa\endcsname}}}
3283 \def\@bidi@removefromreset#1#2{%
3284   \expandafter\let\csname c@#1\endcsname\@bidi@removefromreset
3285   \def\@elt##1{%
3286     \expandafter\ifx\csname c@##1\endcsname\@bidi@removefromreset
3287     \else
3288       \noexpand\@elt{##1}%
3289     \fi}%
3290   \expandafter\xdef\csname cl@#2\endcsname{%
3291     \csname cl@#2\endcsname}}}
3292 \newcommand*{\ifRtoL}{%
3293   \if@RTL
3294     \expandafter\@firstoftwo
3295   \else
3296     \expandafter\@secondoftwo
3297   \fi}
3298 \newcommand*{\ifLtoR}{%
3299   \if@RTL
3300     \expandafter\@secondoftwo
3301   \else
3302     \expandafter\@firstoftwo
3303   \fi}
3304 \newcommand*{\ifRtoLtable}{%
3305   \if@RTLtab
3306     \expandafter\@firstoftwo
3307   \else
3308     \expandafter\@secondoftwo
3309   \fi}
3310 \newcommand*{\ifLtoRtable}{%
3311   \if@RTLtab
3312     \expandafter\@secondoftwo
3313   \else
3314     \expandafter\@firstoftwo
3315   \fi}
3316 \newcommand*{\ifRtoLhboxconstruct}{%
3317   \if@hboxRconstruct
3318     \expandafter\@firstoftwo
3319   \else
3320     \expandafter\@secondoftwo
3321   \fi}
3322 \newcommand*{\ifLtoRhboxconstruct}{%
3323   \if@hboxRconstruct
3324     \expandafter\@secondoftwo
3325   \else

```



```

3326 \expandafter\@firstoftwo
3327 \fi}
3328 \newcommand*{\iflatin}{%
3329 \if@nonlatin
3330 \expandafter\@secondoftwo
3331 \else
3332 \expandafter\@firstoftwo
3333 \fi}
3334 \newcommand*{\ifnonlatin}{%
3335 \if@nonlatin
3336 \expandafter\@firstoftwo
3337 \else
3338 \expandafter\@secondoftwo
3339 \fi}
3340
3341 \newcommand*{\bidi@convert@dimen@t@unit}[2]{%
3342 \strip@pt\dimexpr #1*65536/\dimexpr 1#2\relax #2}
3343
3344 \newcommand*{\bidi@convert@dimen@t@pt}[1]{%
3345 \dimexpr #1*65536/\dimexpr 1pt\relax}
3346
3347 \newcommand*{\if@bidi@csdef}[1]{%
3348 \ifcsname#1\endcsname
3349 \expandafter\@firstoftwo
3350 \else
3351 \expandafter\@secondoftwo
3352 \fi}
3353 \newcommand*{\if@bidi@csundef}[1]{%
3354 \ifcsname#1\endcsname
3355 \expandafter\ifx\csname#1\endcsname\relax
3356 \expandafter\expandafter
3357 \expandafter\@firstoftwo
3358 \else
3359 \expandafter\expandafter
3360 \expandafter\@secondoftwo
3361 \fi
3362 \else
3363 \expandafter\@firstoftwo
3364 \fi}
3365 \newcommand{\if@bidi@def}[1]{%
3366 \ifdefined#1%
3367 \expandafter\@firstoftwo
3368 \else
3369 \expandafter\@secondoftwo
3370 \fi}
3371 \newcommand{\if@bidi@undef}[1]{%
3372 \ifdefined#1%
3373 \ifx#1\relax
3374 \expandafter\expandafter
3375 \expandafter\@firstoftwo
3376 \else
3377 \expandafter\expandafter
3378 \expandafter\@secondoftwo
3379 \fi

```



```

3380 \else
3381 \expandafter\@firstoftwo
3382 \fi}
3383 \newcommand{\if@bidi@blank}[1]{% from url.sty
3384 \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
3385 \long\def\bidi@ifblank@i#1#2&#3#4#5:{#4}
3386 \newcommand{\bidi@notblank}[1]{%
3387 \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
3388 \newcommand{\if@bidi@defmacro}{%
3389 \long\edef\if@bidi@defmacro#1{%
3390 \noexpand\expandafter\noexpand\bidi@ifdefmacro
3391 \noexpand\meaning#1\detokenize{macro}:&}
3392 \edef\bidi@ifdefmacro{%
3393 \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&
3394 \bidi@ifdefmacro{\bidi@notblank{#2}}
3395 \newcommand*{\if@bidi@csmacro}[1]{%
3396 \if@bidi@csdef{#1}
3397 {\expandafter\if@bidi@defmacro\csname#1\endcsname}
3398 {\@secondoftwo}}
3399 \newcommand{\if@bidi@defprimitive}[1]{%
3400 \ifprimitive#1%
3401 \expandafter\@firstoftwo
3402 \else
3403 \expandafter\@secondoftwo
3404 \fi}
3405 \newcommand{\if@bidi@csprimitive}[1]{%
3406 \begingroup\expandafter\expandafter\expandafter\endgroup%
3407 \expandafter\ifprimitive\csname#1\endcsname%
3408 \expandafter\@firstoftwo
3409 \else
3410 \expandafter\@secondoftwo
3411 \fi}
3412 \newcommand*{\bidi@csdefcs}[2]{%
3413 \expandafter\@ifdefinable \csname#1\endcsname{%
3414 \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}%
3415 \newcommand*{\bidi@csletcs}[2]{%
3416 \expandafter\@ifdefinable \csname#1\endcsname{%
3417 \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}%
3418 \newcommand*{\bidi@cslet}[2]{%
3419 \expandafter\@ifdefinable \csname#1\endcsname{%
3420 \expandafter\let\csname#1\endcsname#2}}
3421 \newcommand{\bidi@namelongdef}[1]{%
3422 \long\expandafter\def\csname #1\endcsname}
3423 \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
3424 \def\bidi@ensure@new@command#1{%
3425 \begingroup \escapechar\m@ne\xdef\@gtempa{\string#1}\endgroup
3426 \expandafter\if@bidi@csundef\@gtempa
3427 {\new@command#1}{\relax%
3428 \let\@ifdefinable\@rc@ifdefinable%
3429 \new@command#1}}
3430 \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
3431
3432 \protected\def\bidi@error{\PackageError{bidi}}
3433 \protected\def\bidi@warning{\PackageWarning{bidi}}

```



```

3434 \protected\def\bidi@info{\PackageInfo{bidi}}
3435
3436 \def\bidi@pos#1#2#3#4{\bidi@namegdef\bidi@#1pos@@#2@#3}{#4}}
3437
3438 \newcount\bidi@poscount
3439
3440 \newcommand*{\WriteStartXPostoaux}{%
3441   \global\advance\bidi@poscount\@ne
3442   \edef\@tempa{%
3443     \write\@auxout{%
3444       \string\bidi@pos{x}{start}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflastx
3445     }}%
3446   }%
3447   \ifvmode
3448     \leavevmode
3449   \fi
3450 \if@RTL
3451   \if@filesw
3452     \@tempa
3453   \fi
3454 \pdfsavepos
3455 \else
3456 \pdfsavepos
3457 \if@filesw
3458   \@tempa
3459 \fi
3460 \fi
3461 \if@bidi@csundef\bidi@xpos@@start@\number\bidi@poscount}{%
3462   \PackageWarningNoLine{biditools}{%
3463     The start x position '\number\bidi@poscount' is not known yet.
3464     Rerun to get this x position%
3465   }}%
3466 }{}%
3467 }
3468
3469 \newcommand*{\WriteEndXPostoaux}{%
3470   \edef\@tempa{%
3471     \write\@auxout{%
3472       \string\bidi@pos{x}{end}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflastx
3473     }}%
3474   }%
3475 \if@RTL
3476   \if@filesw
3477     \@tempa
3478   \fi
3479 \pdfsavepos
3480 \else
3481 \pdfsavepos
3482 \if@filesw
3483   \@tempa
3484 \fi
3485 \fi
3486 \if@bidi@csundef\bidi@xpos@@end@\number\bidi@poscount}{%
3487   \PackageWarningNoLine{biditools}{%

```



```

3488         The end x position '\number\bidiposcount' is not known yet.
3489         Rerun to get this x position%
3490     }%
3491 }{}%
3492 }
3493
3494 \newcommand*\WriteStartYPostoaux{%
3495     \global\advance\bidiposcount\@ne
3496     \edef\@tempa{%
3497         \write\@auxout{%
3498             \string\bidipos{y}{start}{\number\bidiposcount}{\noexpand\number\noexpand\pdflasty
3499         }%
3500     }%
3501     \ifvmode
3502         \leavevmode
3503     \fi
3504     \if@RTL
3505         \if@filesw
3506             \@tempa
3507         \fi
3508     \pdfsavepos
3509     \else
3510     \pdfsavepos
3511     \if@filesw
3512         \@tempa
3513     \fi
3514     \fi
3515     \if@bidi\csundef{bidiypos@@start@\number\bidiposcount}{%
3516         \PackageWarningNoLine{biditools}{%
3517             The start y position '\number\bidiposcount' is not known yet.
3518             Rerun to get this y position%
3519         }%
3520     }{}%
3521 }
3522
3523 \newcommand*\WriteEndYPostoaux{%
3524     \edef\@tempa{%
3525         \write\@auxout{%
3526             \string\bidipos{y}{end}{\number\bidiposcount}{\noexpand\number\noexpand\pdflasty
3527         }%
3528     }%
3529     \if@RTL
3530         \if@filesw
3531             \@tempa
3532         \fi
3533     \pdfsavepos
3534     \else
3535     \pdfsavepos
3536     \if@filesw
3537         \@tempa
3538     \fi
3539     \fi
3540     \if@bidi\csundef{bidiypos@@end@\number\bidiposcount}{%
3541         \PackageWarningNoLine{biditools}{%

```



```

3542         The end y position '\number\bidi@poscount' is not known yet.
3543         Rerun to get this y position%
3544     }%
3545 }{}%
3546 }
3547
3548 \newcommand*{\WriteStartXYPostoaux}{%
3549     \global\advance\bidi@poscount\@ne
3550     \edef\@tempa{%
3551         \write\@auxout{%
3552             \string\bidi@pos{x}{start}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflastx}
3553         }%
3554         \write\@auxout{%
3555             \string\bidi@pos{y}{start}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflasty}
3556         }%
3557     }%
3558     \ifvmode
3559         \leavevmode
3560     \fi
3561     \if@RTL
3562         \if@filesw
3563             \@tempa
3564         \fi
3565     \pdfsavepos
3566     \else
3567     \pdfsavepos
3568     \if@filesw
3569         \@tempa
3570     \fi
3571     \fi
3572     \if@bidi@csundef\bidi@xpos@@start@\number\bidi@poscount}{%
3573         \PackageWarningNoLine{biditools}{%
3574             The start x position '\number\bidi@poscount' is not known yet.
3575             Rerun to get this x position%
3576         }%
3577     }{}%
3578     \if@bidi@csundef\bidi@ypos@@start@\number\bidi@poscount}{%
3579         \PackageWarningNoLine{biditools}{%
3580             The start y position '\number\bidi@poscount' is not known yet.
3581             Rerun to get this y position%
3582         }%
3583     }{}%
3584 }
3585
3586 \newcommand*{\WriteEndXYPostoaux}{%
3587     \edef\@tempa{%
3588         \write\@auxout{%
3589             \string\bidi@pos{x}{end}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflastx}
3590         }%
3591         \write\@auxout{%
3592             \string\bidi@pos{y}{end}{\number\bidi@poscount}{\noexpand\number\noexpand\pdflasty}
3593         }%
3594     }%
3595     \if@RTL

```





```

3596 \if@filesw
3597 \@tempa
3598 \fi
3599 \pdfsavepos
3600 \else
3601 \pdfsavepos
3602 \if@filesw
3603 \@tempa
3604 \fi
3605 \fi
3606 \if@bidi@csundef{bidi@xpos@@end@\number\bidi@poscount}{%
3607 \PackageWarningNoLine{biditools}{%
3608 The end x position ``\number\bidi@poscount' is not known yet.
3609 Rerun to get this x position%
3610 }%
3611 }{}%
3612 \if@bidi@csundef{bidi@ypos@@end@\number\bidi@poscount}{%
3613 \PackageWarningNoLine{biditools}{%
3614 The end y position ``\number\bidi@poscount' is not known yet.
3615 Rerun to get this y position%
3616 }%
3617 }{}%
3618 }
3619
3620 \newcommand*{\currentposxwidth}{%
3621 \if@bidi@csundef{bidi@xpos@@end@\number\bidi@poscount}{\z@}
3622 {%
3623 \ifnum\csname bidi@xpos@@start@\number\bidi@poscount
3624 \endcsname < \csname bidi@xpos@@end@\number\bidi@poscount
3625 \endcsname
3626 \dimexpr \csname bidi@xpos@@end@\number\bidi@poscount
3627 \endcsname sp - \csname bidi@xpos@@start@\number\bidi@poscount
3628 \endcsname sp\relax
3629 \else
3630 \dimexpr \csname bidi@xpos@@start@\number\bidi@poscount
3631 \endcsname sp - \csname bidi@xpos@@end@\number\bidi@poscount
3632 \endcsname sp\relax
3633 \fi
3634 }%
3635 }
3636
3637 \newcommand*{\currentposyheight}{%
3638 \if@bidi@csundef{bidi@ypos@@end@\number\bidi@poscount}{\z@}
3639 {%
3640 \dimexpr \csname bidi@ypos@@start@\number\bidi@poscount
3641 \endcsname sp - \csname bidi@ypos@@end@\number\bidi@poscount
3642 \endcsname sp\relax
3643 }%
3644 }
3645
3646
3647
3648 \newcommand*{\setbaselineskip}[1]{%
3649 \linespread{\strip@pt\dimexpr\numexpr\dimexpr#1\relax*65536/\dimexpr\baselineskip\relax}

```



```

3650 \selectfont
3651 }
3652
3653
3654 \newcommand*{\bidi@newrobustcmd}{\}
3655 \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
3656
3657 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
3658
3659 \def\bidi@newcommand#1[#2]{%
3660 \ifnextchar[%
3661 {\bidi@xargdef#1[#2]}
3662 {\ifx\l@ngrel@x\relax
3663 \let\l@ngrel@x\protected
3664 \else
3665 \protected\def\l@ngrel@x{\protected\long}%
3666 \fi
3667 \@argdef#1[#2]}}
3668
3669 \long\def\bidi@xargdef#1[#2][#3]#4{%
3670 \@ifdefinable#1{%
3671 \expandafter\protected
3672 \expandafter\def
3673 \expandafter#1%
3674 \expandafter{%
3675 \expandafter\@testopt
3676 \csname\string#1\endcsname{#3}}}%
3677 \expandafter\@yargdef\csname\string#1\endcsname\tw@{#2}{#4}}}
3678
3679 \bidi@newrobustcmd*{\bidi@renewrobustcmd}{\@star@or@long\bidi@renew@command}
3680
3681 \def\bidi@renew@command#1{%
3682 \if@bidi@undef{#1}
3683 {\bidi@error{\string#1 undefined}\@ehc}
3684 {}%
3685 \let\@ifdefinable\@rc@ifdefinable
3686 \bidi@new@command#1}
3687
3688
3689
3690 \bidi@newrobustcmd*{\bidi@providerobustcmd}{\@star@or@long\bidi@provide@command}
3691
3692 \def\bidi@provide@command#1{%
3693 \if@bidi@undef{#1}
3694 {\def\reserved@a{\bidi@new@command#1}}
3695 {\def\reserved@a{\bidi@renew@command\reserved@a}}%
3696 \reserved@a}
3697
3698 \newcommand*{\bidi@csuse}[1]{%
3699 \ifcsname#1\endcsname
3700 \csname#1\expandafter\endcsname
3701 \fi}
3702
3703 \newcommand{\bidi@expandonce}[1]{%

```



```

3704 \unexpanded\expandafter{#1}}
3705
3706 \def\bidi@protected{%
3707   \let\@@protect\protect
3708   \let\protect\@unexpandable@protect
3709   \afterassignment\restore@protect}
3710
3711 \bidi@newrobustcmd{\bidi@appto}[2]{%
3712   \if@bidi@undef{#1}
3713     {\edef#1{\unexpanded{#2}}}
3714     {\edef#1{\bidi@expandonce#1\unexpanded{#2}}}}
3715 \bidi@newrobustcmd{\bidi@eappto}[2]{%
3716   \if@bidi@undef{#1}
3717     {\edef#1{#2}}
3718     {\edef#1{\bidi@expandonce#1#2}}}
3719 \bidi@newrobustcmd{\bidi@gappto}[2]{%
3720   \if@bidi@undef{#1}
3721     {\xdef#1{\unexpanded{#2}}}
3722     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
3723 \bidi@newrobustcmd{\bidi@xappto}[2]{%
3724   \if@bidi@undef{#1}
3725     {\xdef#1{#2}}
3726     {\xdef#1{\bidi@expandonce#1#2}}}
3727
3728 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}
3729 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
3730
3731
3732
3733 \bidi@newrobustcmd{\bidi@preto}[2]{%
3734   \if@bidi@undef{#1}
3735     {\edef#1{\unexpanded{#2}}}
3736     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}
3737 \bidi@newrobustcmd{\bidi@epreto}[2]{%
3738   \if@bidi@undef{#1}
3739     {\edef#1{#2}}
3740     {\edef#1{#2\bidi@expandonce#1}}}
3741 \bidi@newrobustcmd{\bidi@gpreto}[2]{%
3742   \if@bidi@undef{#1}
3743     {\xdef#1{\unexpanded{#2}}}
3744     {\xdef#1{\unexpanded{#2}\bidi@expandonce#1}}}
3745 \bidi@newrobustcmd{\bidi@xpreto}[2]{%
3746   \if@bidi@undef{#1}
3747     {\xdef#1{#2}}
3748     {\xdef#1{#2\bidi@expandonce#1}}}
3749
3750 \bidi@newrobustcmd*{\bidi@protected@epreto}{\bidi@protected\bidi@epreto}
3751 \bidi@newrobustcmd*{\bidi@protected@xpreto}{\bidi@protected\bidi@xpreto}
3752
3753
3754
3755 \bidi@newrobustcmd*{\bidi@csappto}[1]{\expandafter\bidi@appto\csname#1\endcsname}
3756 \bidi@newrobustcmd*{\bidi@cseappto}[1]{\expandafter\bidi@eappto\csname#1\endcsname}
3757 \bidi@newrobustcmd*{\bidi@csgappto}[1]{\expandafter\bidi@gappto\csname#1\endcsname}

```



```

3758 \bidi@newrobustcmd*{\bidi@csxappto}[1]{\expandafter\bidi@xappto\csname#1\endcsname}
3759 \bidi@newrobustcmd*{\bidi@protected@cseappto}{\bidi@protected\bidi@cseappto}
3760 \bidi@newrobustcmd*{\bidi@protected@csxappto}{\bidi@protected\bidi@csxappto}
3761
3762
3763
3764 \bidi@newrobustcmd*{\bidi@cspreto}[1]{\expandafter\bidi@preto\csname#1\endcsname}
3765 \bidi@newrobustcmd*{\bidi@csepreto}[1]{\expandafter\bidi@epreto\csname#1\endcsname}
3766 \bidi@newrobustcmd*{\bidi@csgpreto}[1]{\expandafter\bidi@gpreto\csname#1\endcsname}
3767 \bidi@newrobustcmd*{\bidi@csxpreto}[1]{\expandafter\bidi@xpreto\csname#1\endcsname}
3768 \bidi@newrobustcmd*{\bidi@protected@csepreto}{\bidi@protected\bidi@csepreto}
3769 \bidi@newrobustcmd*{\bidi@protected@csxpreto}{\bidi@protected\bidi@csxpreto}
3770
3771
3772
3773 \bidi@newrobustcmd{\if@bidi@patchable}{%
3774   \bidi@dbg@trce\if@bidi@patchable
3775   \begingroup
3776   \@makeother\%#
3777   \@ifstar\bidi@ifpatchable@i\bidi@ifpatchable}
3778
3779 \long\def\bidi@ifpatchable#1#2{%
3780   \endgroup
3781   \bidi@dbg@init#1%
3782   \if@bidi@undef{#1}
3783     {\bidi@dbg@fail{def}\@secondoftwo}
3784     {\bidi@dbg@info{def}%
3785       \if@bidi@defmacro{#1}
3786         {\bidi@dbg@info{mac}%
3787           \bidi@ifscanable{#1}
3788             {\bidi@ifhashcheck{#2}
3789               {\bidi@dbg@info{tok}%
3790                 \bidi@ifpattern#1{#2}
3791                 {\bidi@dbg@info{pat}%
3792                   \bidi@dbg@info{pos}\@firstoftwo}
3793                   {\bidi@dbg@fail{pat}\@secondoftwo}}
3794                 {\bidi@dbg@fail{hsh}\@secondoftwo}}
3795                 {\bidi@dbg@fail{tok}\@secondoftwo}}
3796                 {\bidi@dbg@fail{mac}\@secondoftwo}}}
3797
3798 \long\def\bidi@ifpatchable@i#1{%
3799   \endgroup
3800   \bidi@dbg@init#1%
3801   \if@bidi@undef{#1}
3802     {\bidi@dbg@fail{def}\@secondoftwo}
3803     {\bidi@dbg@info{def}%
3804       \if@bidi@defmacro{#1}
3805         {\bidi@dbg@info{mac}%
3806           \if@bidi@defparam{#1}
3807             {\bidi@dbg@info{prm}%
3808               \bidi@ifscanable{#1}
3809               {\bidi@dbg@info{tok}%
3810                 \bidi@dbg@info{pos}\@firstoftwo}
3811                 {\bidi@dbg@fail{tok}\@secondoftwo}}

```



```

3812         {\bidi@dbg@info{prl}%
3813         \if@bidi@defprotected{#1}
3814         {\bidi@dbg@info{pro}}
3815         }%
3816         \bidi@dbg@info{pos}\@firstoftwo}}
3817     {\bidi@dbg@fail{mac}\@secondoftwo}}
3818
3819 \bidi@newrobustcmd*{\bidi@patchcmd}{%
3820 \bidi@dbg@trce\bidi@patchcmd
3821 \begingroup
3822 \@makeother\#%
3823 \bidi@@patchcmd}
3824
3825 \newcommand{\bidi@@patchcmd}[4][#####1]{%
3826 \bidi@ifpatchable#2{#3}
3827 {\bidi@dbg@succ{ret}%
3828 \begingroup
3829 \edef\bidi@resrvda{%
3830 \def\noexpand\bidi@resrvda####1\detokenize{macro:}####2->####3&{%
3831 #1\def\string\bidi@resrvda\space####2{\noexpand\bidi@resrvdb####3&}}%
3832 \def\noexpand\bidi@resrvdb####1\detokenize{#3}####2&{%
3833 ####1\detokenize{#4}####2}%
3834 \edef\noexpand\bidi@resrvda{%
3835 \noexpand\bidi@resrvda\meaning#2&}}%
3836 \bidi@resrvda
3837 \bidi@patchcmd@scantoks\bidi@resrvda
3838 \let#2\bidi@resrvda
3839 \bidi@undef\bidi@resrvda
3840 \@firstoftwo}
3841 {\@secondoftwo}}
3842
3843 \def\bidi@patchcmd@scantoks#1{%
3844 \edef\bidi@resrvda{\endgroup
3845 \unexpanded{\makeatletter\scantokens}{#1}%
3846 \catcode\number`\@=\the\catcode`\@ \relax}%
3847 \bidi@resrvda}
3848
3849 \newcommand\bidi@isloaded[2][{}]{
3850 \expandafter\ifx\csname if@bidi@#2loaded\endcsname\relax
3851 \expandafter\newif\csname if@bidi@#2loaded\endcsname
3852 \fi
3853 \@ifpackageloaded{#2}
3854 {\csname @bidi@#2loaded@true\endcsname #1}
3855 {\csname @bidi@#2loaded@false\endcsname}}
3856
3857 \protected\def\bidi@ifscanable#1{%
3858 \begingroup
3859 \edef\bidi@resrvda{%
3860 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
3861 ####1\def\string\bidi@resrvda####2{####3}}%
3862 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda\meaning#1&}}%
3863 \bidi@resrvda
3864 \makeatletter
3865 \scantokens\expandafter{\bidi@resrvda}%

```



```

3866 \expandafter\endgroup\ifx#1\bidir@resrvda
3867 \expandafter\@firstoftwo
3868 \else
3869 \expandafter\@secondoftwo
3870 \fi}
3871
3872
3873 \protected\long\def\bidir@ifhashcheck#1{%
3874 \begingroup
3875 \edef\bidir@resrvda{\detokenize{#1}}%
3876 \expandafter\endgroup
3877 \expandafter\bidir@ifhashcheck@i\meaning\bidir@resrvda&}
3878
3879 \edef\bidir@ifhashcheck@i#1{%
3880 \noexpand\expandafter
3881 \noexpand\bidir@ifhashcheck@ii
3882 \noexpand\strip@prefix#1\string#\string#&}
3883
3884 \edef\bidir@ifhashcheck@ii{%
3885 \def\noexpand\bidir@ifhashcheck@ii##1\string#\string##2&}
3886 \bidir@ifhashcheck@ii{\if@bidir@blank{#2}}
3887
3888
3889 \protected\long\def\bidir@ifpattern#1#2{%
3890 \begingroup
3891 \edef\bidir@resrvda{%
3892 \def\noexpand\bidir@resrvda####1\detokenize{#2}####2&{%
3893 \endgroup\noexpand\noexpand\noexpand\if@bidir@blank{####2}}}%
3894 \edef\noexpand\bidir@resrvda{\noexpand\bidir@resrvda
3895 \expandafter\strip@prefix\meaning#1\detokenize{#2}&}%
3896 \noexpand\bidir@resrvda}
3897 \bidir@resrvda\@secondoftwo\@firstoftwo}
3898
3899
3900 \newcommand{\if@bidir@defparam}{%
3901 \long\edef\if@bidir@defparam#1{%
3902 \noexpand\expandafter\noexpand\bidir@ifdefparam
3903 \noexpand\meaning#1\detokenize{macro}:->&}
3904 \edef\bidir@ifdefparam{%
3905 \def\noexpand\bidir@ifdefparam##1\detokenize{macro}##2->##3&}
3906 \bidir@ifdefparam{\bidir@notblank{#2}}
3907
3908
3909 \newcommand{\if@bidir@defprotected}{%
3910 \long\edef\if@bidir@defprotected#1{%
3911 \noexpand\expandafter\noexpand\bidir@ifdefprotected
3912 \noexpand\meaning#1\string\protected&}
3913 \edef\bidir@ifdefprotected{%
3914 \def\noexpand\bidir@ifdefprotected##1\string\protected##2&}
3915 \bidir@ifdefprotected{\bidir@notblank{#2}}
3916
3917
3918 \bidir@newrobustcmd{\bidir@undef}[1]{\let#1\bidir@undefined}
3919

```



```

3920 \let\bididbg@trce\@gobble
3921 \let\bididbg@init\@gobble
3922 \let\bididbg@info\@gobble
3923 \let\bididbg@succ\@gobble
3924 \let\bididbg@fail\@gobble
3925
3926
3927
3928 \bidi@newrobustcmd*{\bidi@apptocmd}{%
3929   \bidi@dbg@trce\bidi@apptocmd
3930   \begingroup
3931   \@makeother\#%
3932   \bidi@hooktocmd\bidi@append}
3933
3934
3935
3936 \bidi@newrobustcmd*{\bidi@pretocmd}{%
3937   \bidi@dbg@trce\bidi@pretocmd
3938   \begingroup
3939   \@makeother\#%
3940   \bidi@hooktocmd\bidi@prepend}
3941
3942 \long\def\bidi@hooktocmd#1#2#3{%
3943   \endgroup
3944   \bidi@dbg@init#2%
3945   \if@bidi@undef{#2}
3946     {\bidi@dbg@fail{def}\@secondoftwo}
3947     {\bidi@dbg@info{def}%
3948       \if@bidi@defmacro{#2}
3949         {\bidi@dbg@info{mac}%
3950           \if@bidi@defparam{#2}
3951             {\bidi@dbg@info{prm}%
3952               \bidi@ifscanable{#2}
3953                 {\bidi@ifhashcheck{#3}
3954                   {\bidi@dbg@info{tok}%
3955                     \bidi@dbg@succ{ret}%
3956                     \bidi@hooktocmd@i#1#2{#3}%
3957                     \@firstoftwo}
3958                   {\bidi@dbg@fail{hsh}\@secondoftwo}}
3959                 {\bidi@dbg@fail{tok}\@secondoftwo}}
3960             {\bidi@dbg@info{prl}%
3961               \if@bidi@defprotected{#2}
3962                 {\bidi@dbg@info{pro}%
3963                   \bidi@dbg@succ{red}%
3964                   \protected}
3965                 {\bidi@dbg@succ{red}}}%
3966             \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
3967             \@firstoftwo}}
3968     {\bidi@dbg@fail{mac}\@secondoftwo}}
3969
3970 \long\def\bidi@hooktocmd@i#1#2#3{%
3971   \begingroup
3972   \edef\bidi@resrvda{%
3973     \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%

```



```

3974     #####\def\string\bidir@resrvda\space####2{#1{####3}{\detokenize{#3}}}%
3975     \edef\noexpand\bidir@resrvda{%
3976         \noexpand\bidir@resrvda\meaning#2&}}%
3977     \bidir@resrvda
3978     \bidir@patchcmd@scantoks\bidir@resrvda
3979     \let#2\bidir@resrvda
3980     \bidir@undef\bidir@resrvda}
3981
3982 \long\def\bidir@append#1#2{#1#2}
3983 \long\def\bidir@prepend#1#2{#2#1}
3984
3985 %\bidir@newrobustcmd*{\bidir@AtEndPreamble}{\bidir@gappto\bidir@endpreamblehook}
3986 %\newcommand*{\bidir@endpreamblehook}{}
3987
3988 \bidir@newrobustcmd*{\bidir@AtEndPreamble}{\AddToHook{begindocument/before}}%
3989
3990 \bidir@newrobustcmd*{\bidir@BeforeOutputPageShipOut}{\bidir@gappto\bidir@beforeoutputpageshipout}
3991 \newcommand*{\bidir@beforeoutputpageshipouthook}{}
3992
3993 \bidir@newrobustcmd*{\bidir@BeforeHeader}{\bidir@gappto\bidir@beforeheaderhook}
3994 \newcommand*{\bidir@beforeheaderhook}{}
3995
3996 \bidir@newrobustcmd*{\bidir@BeforeOutputBoxOutputPage}{\bidir@gappto\bidir@beforeoutputboxoutput}
3997 \newcommand*{\bidir@beforeoutputboxoutputpagehook}{}
3998
3999 \bidir@newrobustcmd*{\bidir@AfterOutputBoxOutputPage}{\bidir@gappto\bidir@afteroutputboxoutput}
4000 \newcommand*{\bidir@afteroutputboxoutputpagehook}{}
4001
4002 \bidir@newrobustcmd*{\bidir@BeforeFooter}{\bidir@gappto\bidir@beforefooterhook}
4003 \newcommand*{\bidir@beforefooterhook}{}
4004
4005 \bidir@newrobustcmd*{\bidir@AfterFooter}{\bidir@gappto\bidir@afterfooterhook}
4006 \newcommand*{\bidir@afterfooterhook}{}
4007
4008
4009 \bidir@newrobustcmd*{\bidir@AfterOutputPageShipOut}{\bidir@gappto\bidir@afteroutputpageshipouthook}
4010 \newcommand*{\bidir@afteroutputpageshipouthook}{}
4011
4012 \bidir@newrobustcmd*{\bidir@AtEndOutputPage}{\bidir@gappto\bidir@atendoutputpagehook}
4013 \newcommand*{\bidir@atendoutputpagehook}{}
4014
4015 %\bidir@preto\document{%
4016 %    \endgroup
4017 %    \let\bidir@AtEndPreamble\@firstofone
4018 %    \bidir@endpreamblehook
4019 %    \protected\def\bidir@AtEndPreamble{\@notprerr\@gobble}%
4020 %    \bidir@undef\bidir@endpreamblehook
4021 %    \begingroup}
4022
4023 \bidir@newrobustcmd*{\bidir@AfterPreamble}{\AtBeginDocument}
4024 \bidir@AtEndPreamble{\let\bidir@AfterPreamble\@firstofone}
4025
4026 %\bidir@newrobustcmd*{\bidir@AfterEndPreamble}{\bidir@gappto\bidir@afterendpreamblehook}
4027 %\newcommand*{\bidir@afterendpreamblehook}{}

```





```

4028
4029 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\AddToHook{begindocument/end}}%
4030
4031 %\bidi@appto\document{%
4032 % \let\bidi@AfterEndPreamble\@firstofone
4033 % \bidi@afterendpreamblehook
4034 % \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
4035 % \bidi@undef\bidi@afterendpreamblehook
4036 % \ignorespaces}
4037
4038 \bidi@newrobustcmd*{\bidi@AfterEndDocumentCheckLabelsRerun}{\bidi@gappto\bidi@afterenddocumenthook}
4039 \newcommand*{\bidi@afterenddocumentchecklabelsrerunhook}{\bidi@afterenddocumenthook}
4040
4041 \bidi@patchcmd\enddocument
4042 {\fi}
4043 {\let\bidi@AfterEndDocumentCheckLabelsRerun\@firstofone
4044 \bidi@afterenddocumentchecklabelsrerunhook
4045 \fi}
4046 {}
4047 {\PackageWarning{biditools}{Patching '\string\enddocument' failed}}
4048
4049 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
4050
4051 \bidi@newrobustcmd*{\bidi@AfterLastShipout}{\bidi@gappto\bidi@afterlastshipouthook}
4052 \newcommand*{\bidi@afterlastshipouthook}{\bidi@afterlastshipouthook}
4053
4054 \bidi@patchcmd\enddocument
4055 {\clearpage}
4056 {\clearpage
4057 \let\bidi@AfterLastShipout\@firstofone
4058 \bidi@afterlastshipouthook}
4059 {}
4060 {\let\bidi@clearpage\clearpage
4061 \def\clearpage{%
4062 \bidi@clearpage
4063 \let\bidi@AfterLastShipout\@firstofone
4064 \bidi@afterlastshipouthook}}
4065
4066 %\bidi@newrobustcmd*{\bidi@AfterEndDocument}{\bidi@gappto\bidi@afterenddocumenthook}
4067 %\newcommand*{\bidi@afterenddocumenthook}{\bidi@afterenddocumenthook}
4068
4069 \bidi@newrobustcmd*{\bidi@AfterEndDocument}{\AddToHook{enddocument/end}}%
4070
4071 %\bidi@patchcmd\enddocument
4072 % {\deadcycles}
4073 % {\let\bidi@AfterEndDocument\@firstofone
4074 % \bidi@afterenddocumenthook
4075 % \deadcycles}
4076 % {}
4077 % {\let\bidi@@end\@end
4078 % \def\@end{%
4079 % \let\bidi@AfterEndDocument\@firstofone
4080 % \bidi@afterenddocumenthook
4081 % \bidi@@end}}

```



```

4082
4083 \bidi@newrobustcmd{\bidi@AtBeginEnvironment}[1]{%
4084   \bidi@csgappto{@bidi@begin@#1@hook}}
4085
4086 % Patch \begin<space> and \end<space> in newer LaTeX releases
4087 % \begin and \end in older ones.
4088 \expandafter\bidi@patchcmd\csname begin\ifcsname begin \endcsname\space\fi\endcsname
4089   {\csname #1\endcsname}
4090   {\bidi@csuse{@bidi@begin@#1@hook}%
4091    \csname #1\endcsname}
4092   {}
4093   {\bidi@warning{%
4094     Patching '\string\begin' failed!\MessageBreak
4095     '\string\bidi@AtBeginEnvironment' will not work\@gobble}}
4096
4097
4098
4099 \bidi@newrobustcmd{\bidi@AtEndEnvironment}[1]{%
4100   \bidi@csgappto{@bidi@end@#1@hook}}
4101
4102 \expandafter\bidi@patchcmd\csname end\ifcsname end \endcsname\space\fi\endcsname
4103   {\csname end#1\endcsname}
4104   {\bidi@csuse{@bidi@end@#1@hook}%
4105    \csname end#1\endcsname}
4106   {}
4107   {\bidi@warning{%
4108     Patching '\string\end' failed!\MessageBreak
4109     '\string\bidi@AtEndEnvironment' will not work\@gobble}}
4110
4111
4112
4113 \bidi@newrobustcmd{\bidi@BeforeBeginEnvironment}[1]{%
4114   \bidi@csgappto{@bidi@beforebegin@#1@hook}}
4115
4116 \expandafter\bidi@pretocmd\csname begin\ifcsname begin \endcsname\space\fi\endcsname
4117   {\bidi@csuse{@bidi@beforebegin@#1@hook}}
4118   {}
4119   {\bidi@warning{%
4120     Patching '\string\begin' failed!\MessageBreak
4121     '\string\bidi@BeforeBeginEnvironment' will not work\@gobble}}
4122
4123 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
4124   \bidi@csgappto{@bidi@afterend@#1@hook}}
4125
4126 \expandafter\bidi@patchcmd\csname end\ifcsname end \endcsname\space\fi\endcsname
4127   {\if@ignore}
4128   {\bidi@csuse{@bidi@afterend@#1@hook}%
4129    \if@ignore}
4130   {}
4131   {\bidi@warning{%
4132     Patching '\string\end' failed!\MessageBreak
4133     '\string\bidi@AfterEndEnvironment' will not work\@gobble}}
4134
4135 \def\bidi@namedef#1{\expandafter\def\csname #1\endcsname}

```



```

4136 \def\bidinamegdef#1{\expandafter\gdef\csname #1\endcsname}
4137 \def\bidinameedef#1{\expandafter\edef\csname #1\endcsname}
4138 \def\bidinamexdef#1{\expandafter\xdef\csname #1\endcsname}
4139
4140 % From David Carlisle:
4141 % The \stpelt redefinition below belongs to Heiko Oberdiek
4142 % See also https://github.com/ho-tex/oberdiek/issues/26
4143
4144 \let\@bidi@stepcounter\stepcounter
4145 \let\@bidi@@stpelt\stpelt
4146
4147 \def\@stpelt#1{%
4148   \ifcsname bidi@reset@#1@perpage\endcsname
4149     \begingroup
4150       \let\stepcounter\@bidi@stepcounter
4151       \@bidi@@stpelt{#1}%
4152     \endgroup
4153     \expandafter\@gobbletwo
4154   \fi
4155   \@bidi@@stpelt{#1}%
4156 }
4157
4158 \bidi@pretocmd\stepcounter
4159 {%
4160   \if@bidi@csundef{bidi@stepcounterhook@@#1}{-}{%
4161     \csname bidi@stepcounterhook@@#1\endcsname
4162   }%
4163 }{-}%
4164 {\PackageWarning{biditools}{Patching '\string\stepcounter' failed}}
4165
4166 \chardef\@bidi@backslash`\\
4167 \def\bidics#1{\texttt{\char\@bidi@backslash#1}}
4168
4169 % anonymous control sequences
4170 \newcount\@bidi@tempcountb
4171 \newtoks\@bidi@temptoksa
4172 \newtoks\@bidi@temptoksb
4173
4174 % Catcode (re)storing
4175 %
4176 \def\@bidi@storecatcode#1%
4177   {\escapechar\m@ne
4178     \bidi@csarg\edef\bidi@restorecatcode\string#1%
4179       {\catcode`\string#1=
4180         \the\catcode\expandafter`\string#1}%
4181     \catcode\expandafter`\string#1=12\relax
4182     \escapechar`\\ \relax}
4183 \def\@bidi@restorecatcode#1%
4184   {\escapechar\m@ne
4185     \csname bidi@restorecatcode\string#1\endcsname
4186     \escapechar`\\ \relax}
4187
4188 % Construct a control sequence inside \edef
4189 %

```



```

4190 \def\bidicsname#1{\expandafter\noexpand\csname#1\endcsname}
4191
4192 % Construct a control sequence out of #2, and give it to #1
4193 %
4194 \def\bidicsarg#1#2{\expandafter#1\csname#2\endcsname}
4195
4196 % Pick an escapecharacter
4197 % this presumes that its argument is a character.
4198 %
4199 \def\bidipickescape#1{\ifnum`#1=\escapechar\else#1\fi}
4200
4201 % Equality of strings.
4202 % the fast approach: does not work in expansion-only environment.
4203 %
4204 \def\bidiequalstring#1#2{00\fi\def\bidieqs@a{#1}\def\bidieqs@b{#2}%
4205   \ifx\bidieqs@a\bidieqs@b}
4206
4207 % Test by expansion only
4208 %
4209 \def\bidiequalstringX#1#2{00\fi
4210   \csname if\@bidiequalstringX#1#2$#2$\endcsname}
4211 \def\@bidiequalstringX#1#2$#3#4${\ifx#1#3%
4212   \ifx#1&true\else\bidihop@ES\@bidiequalstringX#2$#4$\fi
4213   \else false\fi}
4214 \def\bidihop@ES#1\fi#2\fi{\fi\fi#1}
4215
4216 % Lexicographic ordering
4217 % note the use of \def
4218 % also note the characters 0,127,255 that are used,
4219 % these are not supposed to appear in the strings
4220 %
4221 {\catcode0=12 \catcode255=12 \catcode127=12
4222 \gdef\bidistringbeforeNC#1#2{00\fi
4223   \bidicharsbefore#1^^@^^?#2^^ff^^?}
4224 \gdef\bidicharsbeforeNC#1#2^^?#3#4^^?{%
4225   \ifcat#1\relax\def\bidinext{\bidicharsbefore#2^^@^^?#3#4^^ff^^?}%
4226   \else\ifcat#3\relax\def\bidinext{\bidicharsbefore#1#2^^@^^?#4^^ff^^?}%
4227   \else\ifnum\lccode`#1<\lccode`#3
4228     \def\bidinext{\csname iftrue\endcsname}%
4229   \else\ifnum\lccode`#1>\lccode`#3
4230     \def\bidinext{\csname iffalse\endcsname}%
4231   \else\def\bidinext{\bidicharsbefore#2^^?#4^^?}%
4232   \fi \fi \fi \fi
4233   \bidinext}
4234 \gdef\bidistringbefore#1#2{00\fi
4235   \bidicharsbefore#1^^@^^?#2^^ff^^?}
4236 \gdef\bidicharsbefore#1#2^^?#3#4^^?{%
4237   \ifnum`#1<`#3
4238     \def\bidinext{\csname iftrue\endcsname}%
4239   \else\ifnum`#1>`#3
4240     \def\bidinext{\csname iffalse\endcsname}%
4241   \else\def\bidinext{\bidicharsbefore#2^^?#4^^?}%
4242   \fi\fi
4243   \bidinext}

```



```

4244 }
4245
4246 % Null argument test
4247 %
4248 \def\bidempty{}
4249 \def\bidempty#1{00\fi\expandafter\ifx\csname bidi@#1\endcsname\bid@null}
4250 \def\bidemptyX#1{\expandafter\ifx\csname bidi@#1\endcsname\bid@null}
4251 %\def\bidempty#1{\def\bid@cs@a{#1}\ifx\bid@cs@a\bidempty}
4252 \def\bid@IsEmptyList#1{00\fi\def\bid@cs@a{#1}\ifx\cs@a\bidempty}
4253
4254 % Next character test
4255 %
4256 \def\bid@NextChar#1#2#3{00\fi
4257   \let\bid@nxt@ch#1\def\bid@nxt@a{#2}\def\bid@nxt@b{#3}%
4258   \futurelet\bid@nxt@c\@bid@ifnxtc}
4259 \def\bid@ifNextChar#1#2#3{%
4260   \let\bid@nxt@ch#1\def\bid@nxt@a{#2}\def\bid@nxt@b{#3}%
4261   \futurelet\bid@nxt@c\@bid@ifnxtc}
4262 \def\@bid@ifnxtc{\ifx\bid@nxt@ch\bid@nxt@c \expandafter\bid@nxt@a
4263   \else \expandafter\bid@nxt@b \fi}
4264
4265 % Test for defined-ness of string as control sequence.
4266 % works inside \edef
4267 %
4268 \def\bid@undefinedcs#1{00\fi\bid@csarg\ifx{#1}\relax}
4269
4270 % Define uniquely defined dummy macros,
4271 % usually to serve as bumper blocks at the end of a list
4272 %
4273 \newcount\bid@dummies
4274 \def\DefNewDummy#1{
4275   \if\bid@undefinedcs{#1}\bid@csarg\edef{#1}{\bid@dum\the\bid@dummies}
4276   \advance\bid@dummies\@ne
4277   \else
4278     \bid@error{Attempt at second definition of `#1'}
4279   \fi}
4280
4281 % string case statement
4282 % use: \bid@switch \iftest{...} in:
4283 %   item1 action1
4284 %   ...
4285 %   itemn actionn
4286 %   default defaultaction [optional]
4287 %   \endbid@switch
4288 % inspired by Jonathan Fine: Some Basic Control Macros
4289 % Tugboat 12 #4
4290 %
4291 \let\@bid@fi\fi \let\endbid@switch\relax \DefNewDummy{\bid@default}
4292 \def\bid@switch@exit #1 \@bid@fi #2 \endbid@switch {\fi #1}
4293 \def\bid@switch #1#2#3{\bid@csarg\ifx{#2}\bid@default\bid@switch@exit #3 \@bid@fi
4294   #1{#2}\bid@switch@exit #3 \@bid@fi
4295   \bid@switch {#1}
4296 }
4297 % this version puts the test object in {}

```



```

4298 \def\bidioswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi
4299 #1{#2}\bidi@switch@exit #3 \@bidi@fi
4300 \bidi@switch #1 in:
4301 }
4302 % this version assumes that the test object is just one character
4303 \def\bidi@cswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi
4304 #1#2\bidi@switch@exit #3 \@bidi@fi
4305 \bidi@cswitch #1 in:
4306 }
4307 % this version assumes that the test object can have an optional space
4308 \def\bidi@bswitch #1 in: #2 #3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi
4309 #1#2 \bidi@switch@exit #3 \@bidi@fi
4310 \bidi@bswitch #1 in:
4311 }
4312 % this version can cope with significant spaces at the start of #3;
4313 % #2 is macro argument
4314 \def\bidi@mswitch #1 in: #2:#3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi
4315 #1{#2}\bidi@switch@exit #3 \@bidi@fi
4316 \bidi@mswitch #1 in:
4317 }
4318 % idem; #2 does not have to be enclosed in braces
4319 \def\bidi@fswitch #1 in: #2:#3; {\bidi@csarg\ifx{#2}\bidi@default\bidi@switch@exit #3 \@bidi
4320 #1#2 \bidi@switch@exit #3 \@bidi@fi
4321 \bidi@fswitch #1 in:
4322 }
4323
4324 % Routines for taking the value of a string:
4325 % if the string is defined as control sequence
4326 % take the value of that, otherwise take the string itself
4327
4328 % String or value of control sequence
4329 %
4330 \def\bidi@w@w#1{\if\bidi@undefinedcs{#1}#1\else \the\csname#1\endcsname\fi}
4331
4332 % String or control sequence
4333 %
4334 \def\@bidi@ww#1{\if\bidi@undefinedcs{#1}#1\else \csname#1\endcsname \fi}
4335
4336 % String or \noexpand-ed control sequence;
4337 % for use in \edef
4338 %
4339 \newif\ifbidi@in@label
4340 \def\@bidi@w@w#1{\if\bidi@undefinedcs{#1}#1\else
4341 \ifbidi@in@label\noexpand\protect\fi \bidi@csname{#1}\fi}
4342 \newtoks\bidi@are@these@correct
4343 \def\bidi@t@w@w#1{%
4344 \if\bidi@undefinedcs{#1}#1%
4345 \ifdefining\bidi@append@to@list\bidi@are@these@correct{#1 }\fi
4346 \else
4347 \ifin@label\noexpand\protect\fi \bidi@csname{#1}\fi}
4348
4349 % List Manipulation .....
4350 % this assumes that #1 is a list of tokens, #2 is the name of a list
4351 %

```



```

4352 % Names of lists (and of items to pop into) are given as strings;
4353 % not as control sequences.
4354 %
4355 \newtoks\biditoks@lista \newtoks\biditoks@listb
4356 % basic append/prepend macro
4357 \long\def\@bidi@append@to@csl#1#2#3{\begingroup\biditoks@lista=#2{#3}%
4358   \global#1=\expandafter\expandafter\expandafter{\expandafter\the\expandafter#1\the\biditoks@lista}%
4359 \long\def\@bidi@prepend@to@csl#1#2#3{\begingroup\biditoks@lista=#2{#3}%
4360   \global#1=\expandafter\expandafter\expandafter{\expandafter\the\expandafter\biditoks@lista}%
4361 \def\@bidi@append@to@list{\@bidi@csarg\@bidi@append@to@csl}%
4362 \def\@bidi@prepend@to@list{\@bidi@csarg\@bidi@prepend@to@csl}%
4363 % variations:
4364 \long\def\@bidi@append@to@list#1#2{\@bidi@append@to@list{#1}{#2}}
4365 \long\def\@bidi@prepend@to@list#1#2{\@bidi@prepend@to@list{#1}{#2}}
4366 \def\@bidi@append@list@to@list#1#2{%
4367   \@bidi@append@to@list{#1}{\expandafter\expandafter\expandafter{\expandafter\the\csname#2}%
4368 \def\@bidi@prepend@list@to@list#1#2{%
4369   \@bidi@prepend@to@list{#1}{\expandafter\expandafter\expandafter{\expandafter\the\csname#2}%
4370 \def\@bidi@append@csl@to@csl#1#2{%
4371   \@bidi@append@to@csl{#1}\expandafter{\the#2}}
4372 \def\@bidi@prepend@csl@to@csl#1#2{%
4373   \@bidi@prepend@to@csl{#1}\expandafter{\the#2}}
4374 \def\@bidi@append@toks@csl@to@list#1#2{\@bidi@append@to@list{#1}\expandafter{\the#2}}
4375 \def\@bidi@prepend@toks@csl@to@list#1#2{\@bidi@prepend@to@list{#1}\expandafter{\the#2}}
4376
4377 \let\@bidi@willbeunhskip\unhskip
4378
4379 % A few list macros for the user
4380 \def\NewTokenList:#1 {\@bidi@csarg\newtoks{#1}\global\csname#1\endcsname{}}
4381 \def\EmptyTokenList:#1 {\global\csname#1\endcsname{}}
4382 \long\def\AppendToTokenList:#1=#2 {\@bidi@append@to@list{#1}{#2}}
4383 \long\def\PrependToTokenList:#1=#2 {\@bidi@prepend@to@list{#1}{#2}}
4384 \def\TheTokenList:#1 {\let\@bidi@oldwbuskip\@bidi@willbeunhskip \let\@bidi@willbeunhskip\@empty
4385   \if\@bidi@undefinedcs{#1}\@bidi@error{Token List <#1> undefined}
4386   \else\@bidi@csarg\the{#1}\fi
4387   \let\@bidi@willbeunhskip\@bidi@oldwbuskip}
4388
4389 \def\@bidi@del@tok@from@list#1#2{\begingroup
4390   \long\def\@bidi@cs@liste##1#2##2\@bidi@tok@SM
4391     {\@bidi@toks@lista{##1}\@bidi@toks@listb{##2}%
4392     \edef\@bidi@cs@listb{\global\@bidi@csname{#1}=
4393       {\the\@bidi@toks@lista\the\@bidi@toks@listb}}%
4394     \@bidi@cs@listb}%
4395     \edef\@bidi@cs@lista{\noexpand\@bidi@cs@liste}\expandafter\the\csname#1\endcsname\noexpand
4396     \@bidi@cs@listb \endgroup}
4397 \def\@bidi@in@front@of@list#1{\@bidi@csarg{\let\expandafter\@bidi@cs@lista}{#1}%
4398   \@bidi@in@front@of@csl\@bidi@cs@lista}
4399 \long\def\@bidi@in@front@of@csl#1#2{\begingroup\biditoks@lista={#2}%
4400   \global#1=\expandafter\expandafter\expandafter{\expandafter\the\expandafter\biditoks@lista}%
4401   \endgroup}
4402 \long\def\@bidi@local@in@front@of@list#1#2{\@bidi@toks@lista={#2}%
4403   \csname#1\endcsname\expandafter\expandafter\expandafter\expandafter\expandafter\expandafter
4404     {\expandafter\expandafter\expandafter\the\expandafter\expandafter\expandafter
4405       \expandafter\the\csname#1\endcsname}%

```



```

4406     }
4407 \def\bidiset@list#1{\bidicsarg{\let\expandafter\bidics@lista}{#1}%
4408   \bidiset@cslst\bidics@lista}
4409 \long\def\bidiset@cslst#1#2{\begingroup\biditoks@lista={#2}%
4410   \global#1=\expandafter{\the\biditoks@lista}\endgroup}
4411
4412 %%%%%%%%%%% Stack macros
4413 %
4414 % push in terms of prepending of lists
4415 \def\bidipush@cs@onto@cs#1#2{\@bidiprepend@to@cslst#1\expandafter{\expandafter\bidipush@onto@cs#1}}
4416 \def\bidipush@onto#1{\bidicsarg\bidipush@onto@cs{#1}}
4417 \def\bidipush@onto@cs#1#2{\@bidiprepend@to@cslst#1}{\{#2}}
4418 \def\bidilocal@push@onto#1#2{\let\=\relax
4419   \bidilocal@in@front@of@list{#1}{\{#2}}
4420 % pop via auxiliary macro: #1 is result, #2 is stack
4421 % two cs arguments
4422 \def\bidipop@cs@into#1#2{\edef\bidics@e
4423   {\noexpand\@bidipopinto\noexpand#1\noexpand#2\the#2\noexpand\@bidipop}\bidics@e}
4424 % two string arguments
4425 \def\bidipop@into#1#2{\edef\bidics@e
4426   {\noexpand\@bidipopinto\bidicsname{#1}\bidicsname{#2}\bidicsarg\the{#2}\noexpand\@bidipop}
4427 \long\def\@bidipopinto#1#2\#3#4\@bidipop{#1{#3}#2{#4}}
4428 \def\bidicopy@stacktop#1#2{%
4429   \edef\bidics@e{\noexpand\@bidicopy@stacktop
4430     {#1}\bidicsarg\the{#2}\noexpand\@bidipop}%
4431   \bidics@e}
4432 \def\@bidicopy@stacktop#1\#2#3\@bidipop{\csname#1\endcsname#2\relax}
4433 \newcount\bidistack@length \newtoks\biditempty@stack \biditempty@stack{\{}}
4434 \def\bidilength@of@stack#1{\bidicsarg\bidilength@of@csstack{#1}}
4435 \def\bidilength@of@csstack#1{\def\##1{\advance\bidistack@length\@ne}%
4436   \bidistack@length\@ne \the#1}
4437 % turn a stack upside down
4438 \def\bidinvert@csstack#1{\bidilength@of@csstack{#1}%
4439   \biditempcountb\z@ \biditemptoksa\biditempty@stack
4440   \loop\ifnum\biditempcountb<\bidistack@length
4441     \bidipop@cs@into\biditemptoksb#1\advance\bidistack@length\@ne
4442     \bidipush@cs@onto@cs\biditemptoksa\biditemptoksb
4443   % \biditemptoksa\biditemptoksb\biditemptoksa% append a to b
4444   \biditemptoksa\biditemptoksb
4445   \repeat% copy b to a
4446   #1\biditemptoksa \biditemptoksa\biditempty@toks}
4447 % invert a stack into a list
4448 \def\bidix@stack@to@list#1{\bidilength@of@stack{#1}%
4449   \biditempcountb\z@ \biditemptoksa\biditempty@toks
4450   \loop\ifnum\biditempcountb<\bidistack@length
4451     \bidipop@into{\biditemptoksb}{#1}\advance\bidistack@length\@ne
4452     \bidipush@list@to@list{\biditemptoksb}{\biditemptoksa}\repeat
4453   \csname#1\endcsname\biditemptoksa \biditemptoksa\biditempty@toks}
4454
4455
4456 % General loop macro:
4457 % \looprepeat
4458 % \forvariable{<var>} \fromvalue{<start>} \bystep{<step>} \tovalue{<end>} \downtovalue{<end>}
4459 % \untilcondition{<cond>} \whilecondition{<cond>}

```





```

4460% \doloopbody { <loop body> }
4461% where all control sequences in between \looprepeat and \doloopbody are optional.
4462%
4463% var: characters to form a control sequence;
4464% after \forvariable{index} you can access the loop counter as \index.
4465% This is a count register; to print it use \number\index.
4466% start,step,end: integers with obvious relations to the loop counter;
4467% start and step have a default value of 1
4468% cond: (sequence of commands ending in) any TeX \if... test.
4469%
4470% Count down instead of up with \downtovalue; the increment given in \bystep
4471% is always positive, and is added or subtracted accordingly.
4472%
4473% Tests: \untilcondition is evaluated at the end of the loop body; \whilecondition
4474% at the beginning of the loop body.
4475%
4476% Exit from middle of loop: \breaklooprepeat
4477% use this at any place in the loop; in case of a conditional use
4478% \ifsomething ... \expandafter \breaklooprepeat \fi
4479%
4480% Note that the line ends do not cause spaces in the output.
4481%
4482% Technical details:
4483% The loop body is not executed in a group: the braces are those
4484% of a token list.
4485% The 'forvariable' variable is \let to a \count register.
4486%
4487%
4488%
4489% Auxiliary stuff
4490\def\bidil@looprepeat@csarg#1#2{\expandafter#1\csname#2\endcsname}
4491\def\bidil@looprepeat@csromannumeral#1{\csname #1\romannumeral\bidil@looprepeat@depth\endcsname}
4492\def\bidil@looprepeat@csargromannumeral#1#2{\expandafter#1\csname#2\romannumeral\bidil@looprepeat@depth\endcsname}
4493
4494\newcount\bidil@looprepeat@depth
4495\let\endlooprepeat\relax \def\bidil@csprotect{}
4496% Trace switches may later be defined by PAC_utils
4497\let\bidil@looprepeat@traceinit\relax \let\bidil@looprepeat@traceexit\relax
4498
4499% Main repeatloop macro
4500% - go to next level and allocate unique counter/toks if this is the
4501% first time we visit this level
4502% - setup: gather bounds and termination conditions
4503% - scoop up body in token list; after the assignment define and
4504% execute body
4505\def\looprepeat#1\doloopbody{\bidil@looprepeat@traceinit % exit in \breakrepeatloop
4506 \advance\bidil@looprepeat@depth\@ne\relax
4507 \bidil@looprepeat@csargromannumeral\ifx\bidil@looprepeat@count\relax
4508 \bidil@looprepeat@csargromannumeral{\csname newcount\expandafter\endcsname}{\bidil@looprepeat@count}
4509 \bidil@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidil@looprepeat@body}
4510 \bidil@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidil@looprepeat@body}
4511 \bidil@looprepeat@csargromannumeral{\csname newtoks\expandafter\endcsname}{\bidil@looprepeat@body}
4512 \fi \bidil@looprepeat@zero \def\bidil@looprepeat@sign{}\def\bidil@looprepeat@comp{>}\bidil@looprepeat@comp
4513 \edef\bidil@looprepeat@tmp

```



```

4514     {\def\bidilooprepeat@csargromannumeral\noexpand{\bidilooprepeat@looprepeat}{\bidiloop
4515 \afterassignment\bidilooprepeat@dxbody\bidilooprepeat@csromannumeral{\bidilooprepeat@tok
4516
4517 % Define and execute loop body
4518 % This is done with an \edef to construct the actual sequence
4519 \def\bidilooprepeat@dxbody{\bidilooprepeat@csargromannumeral\edef{\bidilooprepeat@body}{%
4520 \bidilooprepeat@csargromannumeral\the{\bidilooprepeat@wtest}%
4521 \noexpand\the\bidilooprepeat@csargromannumeral\noexpand{\bidilooprepeat@toks}%
4522 \bidilooprepeat@csargromannumeral\the{\bidilooprepeat@utest}%
4523 \global\bidilooprepeat@csargromannumeral\advance{\bidilooprepeat@count} by \bidiloopre
4524 \noexpand\endlooprepeat
4525 \bidilooprepeat@csargromannumeral\noexpand{\bidilooprepeat@looprepeat}}%
4526 \bidilooprepeat@csromannumeral{\bidilooprepeat@body}\ignorespaces}
4527
4528 % Stop test
4529 %% In order to stop, issue a
4530 % \breaklooprepeat which scoops up the rest of the body and exits
4531 \def\breaklooprepeat#1\endlooprepeat{\bidilooprepeat@zero\bidilooprepeat@csargromannumeral
4532 \advance\bidilooprepeat@depth\m@ne \bidilooprepeat@traceexit
4533 }
4534
4535
4536 % Setup
4537 % gather bounds and termination conditions
4538 \def\bidilooprepeat@setup#1{%
4539 \beginingroup
4540 \def\forvariable##1{%
4541 \edef\bidilooprepeat@tmp{%
4542 \global\let\bidilooprepeat@csarg\noexpand{##1}\bidilooprepeat@csromannumeral{\bidilo
4543 \bidilooprepeat@tmp}%
4544 \def\fromvalue##1{\bidilooprepeat@csargromannumeral\global{\bidilooprepeat@count}##1\ig
4545 \def\tovalue##1{%
4546 \edef\bidilooprepeat@tmp{\global\bidilooprepeat@csargromannumeral\noexpand{\bidiloop
4547 {\bidilooprepeat@csargromannumeral\the{\bidilooprepeat@wtest}%
4548 \noexpand\ifnum\bidilooprepeat@csargromannumeral\noexpand{\bidilooprepeat@count}\bi
4549 \noexpand\expandafter \noexpand\breaklooprepeat
4550 \noexpand\fi}\ignorespaces}%
4551 \bidilooprepeat@tmp}%
4552 \def\downtovalue##1{%
4553 \gdef\bidilooprepeat@sign{-}\gdef\bidilooprepeat@comp{<}\tovalue{##1}\ignorespaces}%
4554 \def\bystep##1{\ifnum##1<0 \bidilooprepeat@error{LOOPREPEAT: increment has to be a positive value}
4555 \bidilooprepeat@csargromannumeral\gdef{\bidilooprepeat@inc}{-##1}\else
4556 \bidilooprepeat@csargromannumeral\gdef{\bidilooprepeat@inc}{##1}\fi\ignoresp
4557 \def\untilcondition##1{%
4558 \edef\bidilooprepeat@tmp{\global\bidilooprepeat@csargromannumeral\noexpand{\bidiloop
4559 {\noexpand##1\relax
4560 \noexpand\expandafter \noexpand\breaklooprepeat \noexpand\fi}\ignorespaces}%
4561 \bidilooprepeat@tmp}%
4562 \def\whilecondition##1{%
4563 \edef\bidilooprepeat@tmp{\global\bidilooprepeat@csargromannumeral\noexpand{\bidiloop
4564 {\noexpand##1\relax \noexpand\else
4565 \noexpand\expandafter \noexpand\breaklooprepeat \noexpand\fi}\ignorespaces}%
4566 \bidilooprepeat@tmp}%
4567 \fromvalue{\@ne}\bystep{\@ne}#1%

```



```

4568 \endgroup}
4569 \def\bidilooptrepeat@zero
4570   {\bidilooptrepeat@csromannumeral{\bidilooptrepeat@toks}{}}\bidilooptrepeat@csromannumeral{b
4571   \bidilooptrepeat@csargromannumeral\def{\bidilooptrepeat@body}{}}
4572
4573 %\tracingmacros2
4574 %\newcount\tmpcount % used in some examples below
4575
4576 %\looptrepeat \forvariable{i}
4577 %      \bystep{2}
4578 %      \doloopbody {%
4579 %          \ifnum i=13 \expandafter\breaklooptrepeat \fi
4580 %          \number{i}} %
4581 %}%
4582
4583 %\looptrepeat \forvariable{iii}
4584 %      \tovalue{8}
4585 %      \doloopbody {}
4586 %After loop: \number{iii}%
4587
4588 %\looptrepeat \forvariable{i}
4589 %      \fromvalue{10}
4590 %      \bystep{2}
4591 %      \downtovalue{0}
4592 %      \doloopbody {\number{i}} }
4593
4594 %\looptrepeat \forvariable{x} \whilecondition{\ifnum x<7}
4595 %      \doloopbody {\number{x}} }
4596
4597 %\looptrepeat \tovalue{3} \doloopbody {Hello world! }
4598
4599 %\looptrepeat \forvariable{j}
4600 %      \untilcondition{\tmpcount j \divide\tmpcount by 37 \noexpand\ifnum\tmpcount=1}
4601 %      \doloopbody {\number{j}} }
4602
4603 %\looptrepeat \forvariable{i} \bystep{2} \tovalue{10} \doloopbody
4604 % {\looptrepeat \forvariable{j} \fromvalue{i} \bystep{3} \tovalue{18}
4605 %      \doloopbody {(\number{i}.\number{j}) }
4606 % }
4607
4608 % infinite loop
4609 %\looptrepeat \doloopbody {}
4610
4611 \renewcommand{\InputIfFileExists}[2]{%
4612   \begingroup\expandafter\expandafter\expandafter\endgroup
4613   \expandafter\ifx\csname #1-@bidi@alias\endcsname\relax
4614     \expandafter\@secondoftwo
4615   \else
4616     \bidi@replacefile@msg{\csname #1-@bidi@alias\endcsname}{#1}%
4617     \expandafter\@firstoftwo
4618   \fi
4619   {%
4620     \expandafter\InputIfFileExists\expandafter{\csname
4621       #1-@bidi@alias\endcsname}{#2}%

```



```

4622 }%
4623 {\IfFileExists{#1}{%
4624     \bidi@load@hook{before}{#1}%
4625     #2\@addtofilelist{#1}%
4626     \@input \@filef@und
4627     \bidi@load@hook{after}{#1}%
4628 }}%
4629 }
4630
4631 \newcommand*{\bidi@loadwithoptions}{%
4632 \newcommand*{\bidi@loadwithoptions}{%
4633 \let\bidi@loadwithoptions\@loadwithoptions
4634
4635 \renewcommand*{\@loadwithoptions}[3]{%
4636     \begingroup\expandafter\expandafter\expandafter\endgroup
4637     \expandafter\ifx\csname #3.#1-@bidi@aliasname\endcsname\relax
4638         \def\bidi@loadwithoptions{\bidi@loadwithoptions{#1}{#2}{#3}}%
4639     \else
4640         \bidi@replacefile@msg{\csname #3.#1-@bidi@aliasname\endcsname.#1}{#3.#1}%
4641         \def\bidi@loadwithoptions{%
4642             \@loadwithoptions{#1}{#2}{\csname #3.#1-@bidi@aliasname\endcsname}%
4643         }%
4644     \fi
4645     \bidi@loadwithoptions
4646 }
4647
4648 \newcommand*{\bidi@onefilewithoptions}{%
4649 \let\bidi@onefilewithoptions\@onefilewithoptions
4650 \def\@onefilewithoptions#1[#2][#3]#4{%
4651     \begingroup\expandafter\expandafter\expandafter\endgroup
4652     \expandafter\ifx\csname #1.#4-@bidi@aliasname\endcsname\relax
4653         \def\bidi@onefilewithoptions{\bidi@onefilewithoptions{#1}}%
4654     \else
4655         \bidi@replacefile@msg{\csname #1.#4-@bidi@aliasname\endcsname.#4}{#1.#4}%
4656         \edef\bidi@onefilewithoptions{%
4657             \noexpand\@onefilewithoptions{\csname #1.#4-@bidi@aliasname\endcsname}}%
4658     \fi
4659     \bidi@onefilewithoptions[#{#2}][#{#3}]{#4}%
4660     \bidi@load@hook{lateafter}{#1.#4}%
4661 }
4662
4663 \newcommand*{\bidi@ReplaceInput}[2]{%
4664     \expandafter\edef\csname #1-@bidi@alias\endcsname{#2}%
4665 }
4666
4667 \newcommand*{\bidi@UnReplaceInput}[1]{%
4668     \ifcsname #1-@bidi@alias\endcsname
4669         \expandafter\let\csname #1-@bidi@alias\endcsname\relax
4670     \fi
4671 }
4672
4673 \newcommand*{\@bidi@replacefilewithext}[3]{%
4674     \expandafter\edef\csname #1.#3-@bidi@aliasname\endcsname{#2}%
4675 }

```



```

4676 \newcommand*{\bidi@ReplacePackage}[2]{%
4677   \@bidi@replacefilewithext{#1}{#2}\@pkgextension
4678 }
4679 \newcommand*{\bidi@ReplaceClass}[2]{%
4680   \@bidi@replacefilewithext{#1}{#2}\@clsextension
4681 }
4682 \newcommand*{\@bidi@unreplacefilewithext}[2]{%
4683   \ifcsname #1.#2-\@bidi@aliasname\endcsname
4684     \expandafter\let\csname #1.#2-\@bidi@aliasname\endcsname\relax
4685   \fi
4686 }
4687 \newcommand*{\bidi@UnReplacePackage}[1]{%
4688   \@bidi@unreplacefilewithext{#1}\@pkgextension
4689 }
4690 \newcommand*{\bidi@UnReplaceClass}[1]{%
4691   \@bidi@unreplacefilewithext{#1}\@clsextension
4692 }
4693 \newcommand*{\bidi@replacefile@msg}[2]{%
4694   \PackageInfo{biditools}{inputing `#1' instead of `#2'}%
4695 }
4696
4697 \newcommand*{\bidi@load@hook}[2]{%
4698   \@ifundefined{#2-@#1}{%
4699     \@nameuse{#2-@#1}%
4700     \expandafter\let\csname #2-@#1\endcsname=\relax}}
4701 \newcommand*{\bidi@set@load@hook}[2]{%
4702   \@ifundefined{#2-@#1}{\@namedef{#2-@#1}{}}{%
4703     \expandafter\g@addto@macro\csname #2-@#1\endcsname}
4704 \newcommand*{\bidi@BeforeFile}{\bidi@set@load@hook{before}}
4705 \newcommand*{\bidi@AfterFile}{\bidi@set@load@hook{after}}
4706 \newcommand*{\bidi@BeforeClass}[1]{%
4707   \bidi@set@load@hook{before}{#1.\@clsextension}}
4708 \newcommand*{\bidi@AfterClass}{%
4709   \@ifstar {\@s@bidi@AfterClass}{%
4710     \@ifnextchar +\@@bidi@AfterClass{%
4711       \@ifnextchar !\@@@bidi@AfterClass\bidi@AfterClass
4712     }%
4713   }%
4714 }
4715
4716 \newcommand*{\@@@bidi@AfterClass}[2]{%
4717   \begingroup\ifx\csname #2.\@clsextension-h@k\endcsname\relax
4718     \aftergroup\@s@bidi@AfterClass
4719   \else
4720     \aftergroup\bidi@AfterAtEndOfClass
4721   \fi
4722   \endgroup{#2}%
4723 }
4724
4725 \newcommand*{\bidi@AfterAtEndOfClass}[1]{%
4726   \bidi@set@load@hook{lateafter}{#1.\@clsextension}}
4727 \newcommand*{\@@bidi@AfterClass}[2]{%
4728   \begingroup
4729     \expandafter\ifx\csname #2.\@clsextension-h@k\endcsname\relax

```



```

4730     \aftergroup\@s@bidi@AfterClass
4731     \else
4732         \aftergroup\@bidi@AfterClass
4733     \fi
4734 \endgroup{#2}%
4735 }
4736
4737 \newcommand*{\@bidi@AfterClass}[1]{%
4738     \bidi@set@load@hook{after}{#1.\@clsextension}}
4739 \newcommand*{\@s@bidi@AfterClass}[1]{%
4740     \begingroup
4741         \ifclassloaded{#1}{%
4742             \aftergroup\@secondoftwo
4743         }{%
4744             \aftergroup\@bidi@AfterClass
4745         }%
4746     \endgroup
4747     {#1}%
4748 }
4749
4750
4751 \newcommand*{\@bidi@BeforePackage}[1]{%
4752     \bidi@set@load@hook{before}{#1.\@pkgextension}}
4753 \newcommand*{\@bidi@AfterPackage}{%
4754     \@ifstar {\@s@bidi@AfterPackage}{%
4755         \@ifnextchar +{\@@bidi@AfterPackage{%
4756             \@ifnextchar !{\@@@bidi@AfterPackage\@bidi@AfterPackage
4757             }%
4758         }%
4759     }%
4760 \newcommand*{\@@@bidi@AfterPackage}[2]{%
4761     \begingroup\ifx\csname #2.\@pkgextension-h@@k\endcsname\relax
4762         \aftergroup\@s@bidi@AfterPackage
4763     \else
4764         \aftergroup\@bidi@AfterAtEndOfPackage
4765     \fi
4766     \endgroup{#2}%
4767 }
4768 \newcommand*{\@bidi@AfterAtEndOfPackage}[1]{%
4769     \bidi@set@load@hook{lateafter}{#1.\@pkgextension}}
4770 \newcommand*{\@@@bidi@AfterPackage}[2]{%
4771     \begingroup
4772         \expandafter\ifx\csname #2.\@pkgextension-h@@k\endcsname\relax
4773             \aftergroup\@s@bidi@AfterPackage
4774         \else
4775             \aftergroup\@bidi@AfterPackage
4776         \fi
4777     \endgroup{#2}%
4778 }
4779 \newcommand*{\@bidi@AfterPackage}[1]{%
4780     \bidi@set@load@hook{after}{#1.\@pkgextension}}
4781 \newcommand*{\@s@bidi@AfterPackage}[1]{%
4782     \begingroup
4783         \@ifpackageloaded{#1}{%

```



```

4784 \aftergroup\@secondoftwo
4785 }{%
4786 \aftergroup\@bidi@AfterPackage
4787 }%
4788 \endgroup
4789 {#1}%
4790 }
4791
4792 \newcommand*{\bidi@excludedpackages}{}
4793 \let\bidi@excludedpackages\@empty
4794 \newcommand*{\bidi@samed@RequirePackage}{}
4795 \newcommand*{\bidi@PreventPackageFromLoading}{}
4796 \@ifstar{\@bidi@PreventPackageFromLoading\PackageInfo}%
4797 {\@bidi@PreventPackageFromLoading\PackageWarning}%
4798 }
4799 \newcommand*{\@bidi@PreventPackageFromLoading}[1]{%
4800 \@ifnextchar [%]
4801 {\@bidi@PreventPackageFromLoading#1}{\@bidi@PreventPackageFromLoading#1 []}%
4802 }
4803 \newcommand*{\@bidi@PreventPackageFromLoading}{}
4804
4805 \def\@bidi@PreventPackageFromLoading#1[#2]#3{%
4806 \edef\reserved@b{\zap@space#3 \@empty}%
4807 \ifx \reserved@b\@empty
4808 #1{biditools}{%
4809 \string\bidi@PreventPackageFromLoading\space with empty packages\MessageBreak
4810 argument ignored%
4811 }%
4812 \else
4813 \ifx\bidi@excludedpackages\@empty
4814 \let\bidi@samed@RequirePackage\RequirePackage
4815 \let\RequirePackage\bidi@RequirePackage
4816 \def\reserved@a##1##{%
4817 \@latex@error
4818 {\noexpand \usepackage before \string\documentclass}%
4819 {\noexpand \usepackage may only appear in the document
4820 preamble, i.e.,\MessageBreak
4821 between \noexpand\documentclass and
4822 \string\begin{document}.}%
4823 \@gobble}%
4824 \ifx\reserved@a\usepackage\else
4825 \ifx\usepackage\bidi@samed@RequirePackage\else
4826 \PackageWarning{biditools}{%
4827 Maybe serious problem: unexpected definition of\MessageBreak
4828 \string\usepackage
4829 }%
4830 \fi
4831 \let\usepackage\RequirePackage
4832 \fi
4833 \fi
4834 \expandafter\@for \expandafter\reserved@a\expandafter:\expandafter=%
4835 \reserved@b\do {%
4836 \ifx\reserved@a\@empty
4837 #1{biditools}{%

```



```

4838         empty package argument for
4839         \string\bidipreventpackagefromloading\MessageBreak
4840         ignored%
4841     }%
4842 \else
4843     \expandafter\@ifpackageloaded\expandafter{\reserved@a}{%
4844         #1{biditools}{%
4845             package '\reserved@a' already loaded.\MessageBreak
4846             Cannot prevent it from being loaded%
4847         }%
4848     }{%
4849         \edef\bidixexcludedpackages{\bidixexcludedpackages,%
4850             \reserved@a}%
4851         \if\relax\detokenize{#2}\relax\else
4852             \ifundefined{bidixexcludepackage@}\reserved@a @do{%
4853                 \namedef{bidixexcludepackage@\reserved@a @do}{}%
4854             }{%
4855                 \expandafter\def
4856                 \csname bidixexcludepackage@\reserved@a
4857                     @do\expandafter\expandafter\expandafter\endcsname
4858                 \expandafter\expandafter\expandafter{%
4859                     \csname bidixexcludepackage@\reserved@a @do\endcsname
4860                     #2}%
4861             }%
4862         \fi
4863     }%
4864 \fi
4865 }%
4866 \ifx\bidixexcludedpackages\@empty
4867     \bidixresetpreventpackagefromloading
4868 \fi
4869 \fi
4870 }
4871
4872 \@onlypreamble\bidipreventpackagefromloading
4873 \newcommand*{\bidixresetpreventpackagefromloading}{%
4874     \let\bidixexcludedpackages\@empty
4875     \ifx\RequirePackage\bidixRequirePackage
4876         \ifx\usepackage\RequirePackage
4877             \let\usepackage\bidixsavedRequirePackage
4878         \fi
4879     \let\RequirePackage\bidixsavedRequirePackage
4880 \fi
4881 }
4882 \@onlypreamble\bidixresetpreventpackagefromloading
4883 \newcommand*{\bidixstorepreventpackagefromloading}[1]{%
4884     \let#1\bidixexcludedpackages
4885 }
4886 \@onlypreamble\bidixstorepreventpackagefromloading
4887 \newcommand*{\bidixunpreventpackagefromloading}{%
4888     \ifstar {\@tempwatrue\bidixunpreventpackagefromloading}%
4889             {\@tempwafalse\bidixunpreventpackagefromloading}%
4890 }
4891

```





```

4892 \newcommand*{\@bidi@UnPreventPackageFromLoading}[1]{%
4893   \edef\reserved@b{\zap@space#1 \@empty}%
4894   \if@tempswa
4895     \@for\reserved@a:=\reserved@b\do {%
4896       \ifx\reserved@a\@empty \else
4897         \ifcsname bidi@exclude@package@\reserved@a @do\endcsname
4898           \expandafter\let
4899           \csname bidi@exclude@package@\reserved@a @do\endcsname
4900           \undefined
4901         \fi
4902       \fi
4903     }%
4904   \fi
4905   \ifcsname bidi@excludedpackages\endcsname
4906     \let\reserved@a\bidi@excludedpackages
4907     \let\bidi@excludedpackages\@empty
4908     \expandafter\@for\expandafter\reserved@c
4909     \expandafter:\expandafter=\reserved@a
4910     \do{%
4911       \ifx\reserved@c\@empty\else
4912         \@expandtwoargs\in{,\reserved@c,},{,\reserved@b,}%
4913         \ifin@
4914         \else
4915           \edef\bidi@excludedpackages{%
4916             \bidi@excludedpackages,\reserved@c
4917           }%
4918         \fi
4919       \fi
4920     }%
4921     \ifx\bidi@excludedpackages\@empty\bidi@ResetPreventPackageFromLoading\fi
4922   \fi
4923 }
4924
4925
4926 \newcommand*{\bidi@RequirePackage}[2][ ]{%
4927   \let\reserved@c\@empty
4928   \let\reserved@d\@empty
4929   \edef\reserved@b{\zap@space#2 \@empty}%
4930   \expandafter\@for\expandafter\reserved@b\expandafter:\expandafter=\reserved@b
4931   \do {%
4932     \begingroup
4933     \@tempswatrue
4934     \@for\reserved@a:=\bidi@excludedpackages\do {%
4935       \ifx\reserved@a\reserved@b
4936         \@tempswafalse
4937       \fi
4938     }%
4939     \if@tempswa
4940       \xdef\reserved@c{\reserved@c,\reserved@b}%
4941     \else
4942       \ifx\reserved@b\@empty\else
4943         \PackageInfo{biditools}{Excluding package `'\reserved@b'\MessageBreak
4944           from loading}%
4945       \@ifundefined{bidi@exclude@package@\reserved@b @do}{%

```



```

4946         }{%
4947             \expandafter\g@addto@macro\expandafter\reserved@d
4948             \csname bidi@exclude@package@\reserved@b @do\endcsname
4949         }%
4950     \fi
4951 \fi
4952 \endgroup
4953 }%
4954 \ifx\reserved@c\@empty
4955     \let\reserved@a\@bidi@gobbleopt
4956 \else
4957     \edef\reserved@a{\noexpand\@bidi@saves@RequirePackage[#1]{%
4958         \expandafter\@gobble\reserved@c\@empty}}%
4959 \fi
4960 \expandafter\reserved@d
4961 \reserved@a
4962 }
4963
4964 \newcommand{\@bidi@gobbleopt}[1][{}]{%
4965 \AtEndDocument{%
4966     \let\@bidi@saves@checkend=\@checkend
4967     \renewcommand*\@checkend}[1]{%
4968         \def\reserved@a{#1}\def\reserved@b{document}%
4969         \@bidi@saves@checkend{#1}%
4970         \ifx\reserved@a\reserved@b
4971             \let\@bidi@saves@clearpage=\clearpage
4972             \renewcommand*\@clearpage{\@bidi@saves@clearpage
4973                 \@bidi@hook@bcma
4974                 \@bidi@restore@newpage
4975                 \let\clearpage=\@bidi@saves@clearpage}%
4976             \fi%
4977             \let\@bidi@saves@dofilelist\@dofilelist
4978             \def\@dofilelist{%
4979                 \@bidi@hook@acma
4980                 \let\@dofilelist\@bidi@saves@dofilelist
4981                 \@bidi@saves@dofilelist
4982             }%
4983         }%
4984 }
4985
4986
4987 \newcommand*\@bidi@saves@checkend{}%
4988 \newcommand*\@bidi@saves@dofilelist{}%
4989 \newcommand*\@bidi@redefine@newpage{}%
4990 \let\@bidi@saves@newpage\newpage
4991 \def\@bidi@restore@newpage{%
4992     \renewcommand*\@newpage{%
4993         \PackageWarningNoLine{%
4994             biditools%
4995         }{%
4996             \string\newpage\space at main aux file!\MessageBreak
4997             You have output material at the main aux file.\MessageBreak
4998             Note, that the \string\@bidi@BeforeClosingMainAux\space commands\@bidi@BeforeClosingMainAux
4999             are processed before the output from aux file%

```



```

5000     }%
5001     \let\newpage\bidisaved@newpage
5002     \newpage
5003     }%
5004 }%
5005 \renewcommand*{\newpage}{%
5006   \PackageError{%
5007     biditools%
5008   }{%
5009     \string\newpage\space at \string\bidibeforeclosingmainaux
5010   }{%
5011     You should never use \string\newpage\space or
5012     \string\clear(double)page or other output material at the\MessageBreak
5013     argument of \string\bidibeforeclosingmainaux!\MessageBreak
5014     If you'll continue, the \string\newpage\space will be ignored to
5015     avoid corruption of\MessageBreak
5016     every prior use of \string\bidibeforeclosingmainaux.
5017   }%
5018 }%
5019 }
5020
5021 \newcommand*{\bidirestore@newpage}{}
5022 \newcommand*{\bidihook@bcma}{}
5023 \newcommand*{\bidihook@acma}{}
5024 \newcommand*{\bidibeforeclosingmainaux}{}%
5025   \ifx\bidihook@bcma\@empty
5026     \gdef\bidihook@bcma{%
5027       \renewcommand*{\bidibeforeclosingmainaux}[1]{###1}%
5028       \let\protected@write\bidiprotected@immediate@write
5029       \bidiredefine@newpage
5030     }%
5031   \fi
5032   \g@addto@macro\bidihook@bcma%
5033 }
5034
5035 \newcommand*{\bidiafterreadingmainaux}{}%
5036   \ifx\bidihook@acma\@empty
5037     \gdef\bidihook@acma{%
5038       \renewcommand*{\bidiafterreadingmainaux}[1]{###1}%
5039       \let\protected@write\bidiprotected@immediate@write
5040     }%
5041   \fi
5042   \g@addto@macro\bidihook@acma%
5043 }
5044
5045 \long\def\bidiprotected@immediate@write#1#2#3{%
5046   \begingroup
5047     #2%
5048     \let\protect\@unexpandable@protect
5049     \edef\reserved@a{\immediate\write#1{#3}}%
5050     \reserved@a
5051   \endgroup
5052   \if@nbreak\ifvmode\nobreak\fi\fi
5053 }

```



```

5054
5055 \def\bidipatch@counter{0}%
5056 \if@bidi@csundef{numexpr}{%
5057   \def\bidipatch@stepcounter{%
5058     \begingroup
5059       \count@\bidipatch@counter\relax
5060       \advance\count@\@ne\relax
5061     \edef\x{\endgroup
5062       \noexpand\def\noexpand\bidipatch@counter{\the\count@}%
5063     }%
5064     \x
5065   }%
5066 }{%
5067   \def\bidipatch@stepcounter{%
5068     \edef\bidipatch@counter{%
5069       \the\numexpr\bidipatch@counter+\@ne\relax
5070     }%
5071   }%
5072 }
5073 \def\bidipatch@list{}
5074 \def\bidipatch@Add{%
5075   \bidipatch@appto\bidipatch@list
5076 }
5077 \def\bidipatch@AfterPackage#1{%
5078   \@ifpackageloaded{#1}{%
5079     \@firstofone
5080   }{%
5081     \@bidipatch@AfterPackage{#1}%
5082   }%
5083 }
5084 \def\@bidipatch@AfterPackage#1{%
5085   \edef\bidipatch@temp{#1}%
5086   \bidipatch@stepcounter
5087   \expandafter\bidipatch@@AfterPackage
5088   \csname @bidipatch@\bidipatch@counter\expandafter\endcsname{%
5089     \bidipatch@temp
5090   }%
5091 }
5092 \def\bidipatch@@AfterPackage#1#2#3{%
5093   \begingroup
5094     \toks@{#3}%
5095     \xdef\bidipatch@gtemp{%
5096       \noexpand\@ifpackageloaded{#2}{%
5097         \noexpand\let\noexpand#1\noexpand\relax
5098         \the\toks@
5099       }{%
5100       }%
5101     }
5102     \let#1\bidipatch@gtemp
5103     \bidipatch@Add#1%
5104     \bidipatch@try{\bidipatch@AfterPackage}{#2}#1%
5105 }
5106
5107 \def\bidipatch@try#1#2#3{%

```



```

5108 \if@bidi@csundef{#1}{-}{%
5109     \csname #1\endcsname{#2}{#3}%
5110 }%
5111 }
5112
5113 \AtBeginDocument{\bidi@patch@list}
5114
5115 \bidi@AtEndPreamble{\bidi@patch@list}%
5116
5117 \bidi@AfterEndPreamble{%
5118     \let\bidi@patch@OrgIfPackageLoaded\ifpackageloaded
5119     \let\bidi@patch@OrgIfPackageLater\ifpackagelater
5120     \let\bidi@patch@OrgIfClassLoaded\ifclassloaded
5121     \let\bidi@patch@OrgIfClassLater\ifclasslater
5122     \bidi@patch@list
5123     \let\@ifpackageloaded\bidi@patch@OrgIfPackageLoaded
5124     \let\@ifpackagelater\bidi@patch@OrgIfPackageLater
5125     \let\@ifclassloaded\bidi@patch@OrgIfClassLoaded
5126     \let\@ifclasslater\bidi@patch@OrgIfClassLater
5127 }%

```

## 27 File `bidituftefloat.sty`

```

5128 \NeedsTeXFormat{LaTeX2e}
5129 \ProvidesPackage{bidituftefloat}[2017/05/19 v0.2
5130 bidi implementation of tufte float]
5131 \RequirePackage{xifthen}
5132 \newcommand{\@bidituftefloat@pkgname}{bidituftefloat}
5133 \newcommand{\bidituftefloatError}[2]{\PackageError{\@bidituftefloat@pkgname}{#1}{#2}}
5134 \newcommand{\bidituftefloatDebugInfoNL}[1]{\ifthenelse{\boolean{\@bidituftefloat@debug}}{\bid
5135 \newcommand{\bidituftefloatInfoNL}[1]{\PackageInfo{\@bidituftefloat@pkgname}{#1\@gobble}}
5136 \newboolean{\@bidituftefloat@reversegeometry}
5137 \setboolean{\@bidituftefloat@reversegeometry}{false}
5138 \DeclareOption{reversegeometry}{\setboolean{\@bidituftefloat@reversegeometry}{true}}
5139 \newboolean{\@bidituftefloat@a4paper}
5140 \DeclareOption{a4paper}{\setboolean{\@bidituftefloat@a4paper}{true}}
5141 \newboolean{\@bidituftefloat@b5paper}
5142 \DeclareOption{b5paper}{\setboolean{\@bidituftefloat@b5paper}{true}}
5143 \newboolean{\@bidituftefloat@symmetric}
5144 \newboolean{\@bidituftefloat@twoside}
5145 \DeclareOption{twoside}{%
5146 \@twosidettrue \@mparswitchtrue%
5147 \setboolean{\@bidituftefloat@twoside}{true}%
5148 \setboolean{\@bidituftefloat@symmetric}{true}%
5149 }
5150 \DeclareOption{oneside}{%
5151 \@twosidefalse \@mparswitchfalse%
5152 \setboolean{\@bidituftefloat@twoside}{false}%
5153 \setboolean{\@bidituftefloat@symmetric}{false}%
5154 }
5155 \@ifclassloaded{book}{\ExecuteOptions{twoside}}{}
5156 \newboolean{\@bidituftefloat@debug}
5157 \newcommand*{\@bidituftefloat@caption@justification}{\@bidituftefloat@justification@autodete
5158 \ProcessOptions

```



```

5159 %% Globally sets the length
5160 \newcommand*{\gsetlength}[2]{%
5161   \setlength{#1}{#2}%
5162   \global#1=#1\relax%
5163 }
5164
5165 %% Set the font sizes and baselines to match bidentuftefloat's books
5166 \renewcommand\normalsize{%
5167   \@setfontsize\normalsize\@xpt{14}%
5168   \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
5169   \abovedisplayshortskip \z@ \@plus3\p@
5170   \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
5171   \belowdisplayskip \abovedisplayskip
5172   \let\@listi\@listI}
5173 \normalbaselineskip=14pt
5174 \normalsize
5175 \renewcommand\footnotesize{%
5176   \@setfontsize\footnotesize\@viipt{10}%
5177   \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
5178   \abovedisplayshortskip \z@ \@plus\p@
5179   \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
5180   \def\@listi{\leftmargin\leftmarginI
5181             \topsep 3\p@ \@plus\p@ \@minus\p@
5182             \parsep 2\p@ \@plus\p@ \@minus\p@
5183             \itemsep \parsep}%
5184   \belowdisplayskip \abovedisplayskip
5185 }
5186 %% Paragraph indentation and separation for marginal text
5187 \newcommand{\@bidentuftefloat@margin@par}{%
5188   \setlength{\RaggedRightParindent}{0.5pc}%
5189   \setlength{\JustifyingParindent}{0.5pc}%
5190   \setlength{\parindent}{0.5pc}%
5191   \setlength{\parskip}{0pt}%
5192 }
5193 \RequirePackage{ragged2e}
5194 \ifthenelse{\boolean{@bidentuftefloat@reversegeometry}}{%
5195 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar
5196 \ifthenelse{\boolean{@bidentuftefloat@a4paper}}{
5197   {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar
5198   {}
5199 \ifthenelse{\boolean{@bidentuftefloat@b5paper}}{
5200   {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm
5201   {}}%
5202 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar
5203 \ifthenelse{\boolean{@bidentuftefloat@a4paper}}{
5204   {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar
5205   {}
5206 \ifthenelse{\boolean{@bidentuftefloat@b5paper}}{
5207   {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,
5208   {}
5209 \ifthenelse{\boolean{@bidentuftefloat@symmetric}}{
5210   {}
5211   {\geometry{asymmetric}}}% forces internal LaTeX `twoside'
5212 \setlength\marginparpush{10pt}

```



```

5213 %% Font for margin items
5214 \newcommand{\@biditytfloat@marginfont}{\normalfont\footnotesize}
5215 \newcommand*{\@biditytfloat@caption@font}{\@biditytfloat@marginfont}
5216 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@biditytfloat@caption@font}{#1}}
5217 \newcommand{\@biditytfloat@justification}{\justifying}%
5218 \setlength\abovedisplayskip{6pt plus 2pt minus 4pt}
5219 \setlength\belowdisplayskip{6pt plus 2pt minus 4pt}
5220 \newboolean{\@biditytfloat@changepage}
5221 \IfFileExists{changepage.sty}{%
5222   \biditytfloatDebugInfoNL{Found changepage.sty}
5223   \RequirePackage[strict]{changepage}
5224   \setboolean{\@biditytfloat@changepage}{true}
5225 }{%
5226   \biditytfloatDebugInfoNL{Found chngpage.sty}
5227   \RequirePackage[strict]{chngpage}
5228   \setboolean{\@biditytfloat@changepage}{false}
5229 }
5230 \newboolean{\@biditytfloat@odd@page}
5231 \setboolean{\@biditytfloat@odd@page}{true}
5232 \newcommand*{\@biditytfloat@checkoddpage}{%
5233   \checkoddpage%
5234   \ifthenelse{\boolean{\@biditytfloat@changepage}}{%
5235     \ifoddpage%
5236       \setboolean{\@biditytfloat@odd@page}{true}%
5237     }else%
5238       \setboolean{\@biditytfloat@odd@page}{false}%
5239     \fi%
5240   }{%
5241     \ifcpoddpage%
5242       \setboolean{\@biditytfloat@odd@page}{true}%
5243     }else%
5244       \setboolean{\@biditytfloat@odd@page}{false}%
5245     \fi%
5246   }%
5247 }
5248 \newlength{\@biditytfloat@overhang}% used by the fullwidth environment and the running head
5249 \newlength{\@biditytfloat@fullwidth}
5250 \newlength{\@biditytfloat@caption@fill}
5251 \newcommand{\@biditytfloatRecalculate}{%
5252   \setlength{\@biditytfloat@overhang}{\marginparwidth}
5253   \addtolength{\@biditytfloat@overhang}{\marginparsep}
5254
5255   \setlength{\@biditytfloat@fullwidth}{\textwidth}
5256   \addtolength{\@biditytfloat@fullwidth}{\marginparsep}
5257   \addtolength{\@biditytfloat@fullwidth}{\marginparwidth}
5258
5259   \setlength{\@biditytfloat@caption@fill}{\textwidth}
5260   \addtolength{\@biditytfloat@caption@fill}{\marginparsep}
5261 }
5262 \AtBeginDocument{\@biditytfloatRecalculate}
5263 \RequirePackage{optparams}% provides multiple optional arguments for commands
5264 \RequirePackage{placeins}
5265 \newsavebox{\@biditytfloat@margin@floatbox}
5266 \newenvironment{\@biditytfloat@margin@float}[2][1.2ex]%

```



```

5267 {\FloatBarrier% process all floats before this point so the figure/table numbers stay in o
5268 \begin{lrbox}{\@bituftefloat@margin@floatbox}%
5269 \begin{minipage}{\marginparwidth}%
5270   \@bituftefloat@caption@font%
5271   \def\@capttype{#2}%
5272   \hbox{\vspace{#1}%
5273     \@bituftefloat@caption@justification%
5274     \@bituftefloat@margin@par%
5275     \noindent%
5276   }
5277 {\end{minipage}%
5278 \end{lrbox}%
5279 \marginpar{\usebox{\@bituftefloat@margin@floatbox}}%
5280 }
5281 \newenvironment{marginfigure}[1] [-1.2ex]%
5282   {\begin{\@bituftefloat@margin@float}[#1]{figure}}
5283   {\end{\@bituftefloat@margin@float}}
5284 \newenvironment{margintable}[1] [-1.2ex]%
5285   {\begin{\@bituftefloat@margin@float}[#1]{table}}
5286   {\end{\@bituftefloat@margin@float}}
5287 \newcommand*{\@bituftefloat@justification@autodetect}{\justifying}%
5288
5289 \newcommand{\@bituftefloat@float@debug@info}{}% contains debug info generated as the float
5290 \newcommand{\@bituftefloat@float@debug}[1]{}% adds debug info to the queue for output
5291 \ifthenelse{\equal{\@bituftefloat@float@debug@info}{}}{}%
5292 {\def\@bituftefloat@float@debug@info{#1}}%
5293 {\g@addto@macro{\@bituftefloat@float@debug@info}{\MessageBreak#1}}%
5294 }
5295 \newcommand{\floatalignment}{x}% holds the current float alignment (t, b, h, p)
5296 \newcommand{\setfloatalignment}[1]{\global\def\floatalignment{#1}\@bituftefloat@float@debu
5297 \newboolean{\@bituftefloat@float@recto}
5298 \newcommand{\forcerectofloat}{\GlobalSetBoolean{\@bituftefloat@float@recto}{true}\@bituft
5299 \newcommand{\forceversofloat}{\GlobalSetBoolean{\@bituftefloat@float@recto}{false}\@bituft
5300 \newsavebox{\@bituftefloat@figure@box}
5301 \newsavebox{\@bituftefloat@caption@box}
5302 \let\@bituftefloat@orig@float\@float
5303 \let\@bituftefloat@orig@endfloat\endfloat
5304 \newlength{\@bituftefloat@caption@vertical@offset}
5305 \setlength{\@bituftefloat@caption@vertical@offset}{0pt}
5306 \newcommand{\@bituftefloat@stored@shortcaption}{}
5307 \newcommand{\@bituftefloat@stored@caption}{}
5308 \newcommand{\@bituftefloat@stored@label}{}
5309 \long\def\@bituftefloat@caption[#1][#2]#3{%
5310   \ifthenelse{\isempty{#1}}{}%
5311     {\gdef\@bituftefloat@stored@shortcaption{#3}}%
5312     {\gdef\@bituftefloat@stored@shortcaption{#1}}%
5313   \gsetlength{\@bituftefloat@caption@vertical@offset}{-#2}% we want a positive offset to l
5314   \gdef\@bituftefloat@stored@caption{#3}%
5315 }
5316 \newcommand{\@bituftefloat@label}[1]{}%
5317 \gdef\@bituftefloat@stored@label{#1}%
5318 }
5319 \newcommand{\@bituftefloat@fps}{}
5320 \newboolean{\@bituftefloat@float@star}

```





```

5321 \newlength{\@biditytfloat@float@contents@width}
5322 \newenvironment{@biditytfloat@float}[3][htbp]%
5323 {% begin @biditytfloat@float
5324   % Should this float be full-width or just text-width?
5325   \ifthenelse{\equal{#3}{star}}%
5326     {\GlobalSetBoolean{@biditytfloat@float@star}{true}}%
5327     {\GlobalSetBoolean{@biditytfloat@float@star}{false}}%
5328   % Check page side (recto/verso) and store detected value -- can be overridden in environm
5329   \@biditytfloat@checkoddpage%
5330   \ifthenelse{\boolean{@biditytfloat@odd@page}}%
5331     {\GlobalSetBoolean{@biditytfloat@float@recto}{true}\@biditytfloat@float@debug{Dete
5332     {\GlobalSetBoolean{@biditytfloat@float@recto}{false}\@biditytfloat@float@debug{Det
5333   % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages
5334   \renewcommand{\@biditytfloat@fps}{#1}%
5335   \@biditytfloat@float@debug{Allowed positions: [#1]}%
5336   \ifthenelse{\equal{#1}{b}\OR\equal{#1}{B}}%
5337     {\renewcommand{\floatalignment}{b}\@biditytfloat@float@debug{Presumed position: [bot
5338     {\renewcommand{\floatalignment}{t}\@biditytfloat@float@debug{Presumed position: [top
5339   % Capture the contents of the \caption and \label commands to use later
5340   \global\let\@biditytfloat@orig@caption\caption%
5341   \global\let\@biditytfloat@orig@label\label%
5342   \renewcommand{\caption}{\optparams{\@biditytfloat@caption}{[] [Opt]}}%
5343   \renewcommand{\label}[1]{\@biditytfloat@label{##1}}%
5344   % Handle subfigure package compatibility
5345   \ifthenelse{\boolean{@biditytfloat@packages@subfigure}}{%
5346     \bidi@patchcmd{\subfigure}{%
5347       \let\subfig@oldlabel=\label
5348     }{%
5349       \let\subfig@oldlabel=\@biditytfloat@orig@label
5350     }
5351   }
5352   {}
5353   \let\subtable=\subfigure
5354   }{% subfigure package is not loaded
5355   \@biditytfloat@orig@float{#2}[#1]%
5356   \ifthenelse{\boolean{@biditytfloat@float@star}}%
5357     {\setlength{\@biditytfloat@float@contents@width}{\@biditytfloat@fullwidth}}%
5358     {\setlength{\@biditytfloat@float@contents@width}{\textwidth}}%
5359   \begin{lrbox}{\@biditytfloat@figure@box}%
5360     \begin{minipage}[\floatalignment]{\@biditytfloat@float@contents@width}\hbox{%
5361   }{% end @biditytfloat@float
5362     \par\hbox{}\vspace{-\baselineskip}\ifthenelse{\prevdepth>0}{\vspace{-\prevdepth}}{} a
5363     \end{minipage}%
5364   \end{lrbox}%
5365   % build the caption box
5366   \begin{lrbox}{\@biditytfloat@caption@box}%
5367     \begin{minipage}[\floatalignment]{\marginparwidth}\hbox{%
5368       \ifthenelse{\NOT\equal{\@biditytfloat@stored@caption}{}}{\@biditytfloat@orig@cap
5369       \ifthenelse{\NOT\equal{\@biditytfloat@stored@label}{}}{\@biditytfloat@orig@label
5370       \par\vspace{-\prevdepth}}% TODO: DOUBLE-CHECK FOR SAFETY
5371     \end{minipage}%
5372   \end{lrbox}%
5373   % now typeset the stored boxes
5374   \begin{fullwidth}%

```



```

5375 \begin{minipage}[\floatalignment]{\linewidth}%
5376 \ifthenelse{\boolean{@bidituftefloat@float@star}}%
5377 {\@bidituftefloat@float@fullwidth[\@bidituftefloat@caption@vertical@offset]{\@bidi
5378 {\@bidituftefloat@float@textwidth[\@bidituftefloat@caption@vertical@offset]{\@bidi
5379 \end{minipage}%
5380 \end{fullwidth}%
5381 \@bidituftefloat@orig@endfloat% end original LaTeX float environment
5382 % output debug info
5383 \ifthenelse{\boolean{@bidituftefloat@debug}}{%
5384 \typeout{^^J^^J----- bidingfloat package float information -----}%
5385 \ifthenelse{\equal{\@bidituftefloat@stored@label}{}}%
5386 {\typeout{Warning: Float unlabeled!}}%
5387 {\typeout{Float label: [\@bidituftefloat@stored@label]}}%
5388 \typeout{Page number: [\thepage]}%
5389 \def\MessageBreak{^^J}%
5390 \typeout{\@bidituftefloat@float@debug@info}%
5391 \ifthenelse{\boolean{@bidituftefloat@symmetric}}%
5392 {\typeout{Symmetric: [true]}}%
5393 {\typeout{Symmetric: [false]}}%
5394 \typeout{-----^^J^^J}%
5395 }}%
5396 % reset commands and temp boxes and captions
5397 \gdef\@bidituftefloat@float@debug@info{%
5398 \let\caption\@bidituftefloat@orig@caption%
5399 \let\label\@bidituftefloat@orig@label%
5400 \begin{lrbox}{\@bidituftefloat@figure@box}\hbox{}\end{lrbox}%
5401 \begin{lrbox}{\@bidituftefloat@caption@box}\hbox{}\end{lrbox}%
5402 \gdef\@bidituftefloat@stored@shortcaption{%
5403 \gdef\@bidituftefloat@stored@caption{%
5404 \gdef\@bidituftefloat@stored@label{%
5405 \gsetlength{\@bidituftefloat@caption@vertical@offset}{0pt}% reset caption offset
5406 }
5407 \newcommand{\@bidituftefloat@float@textwidth}[3][Opt]{%
5408 \ifthenelse{\NOT\boolean{@bidituftefloat@symmetric}}\OR\boolean{@bidituftefloat@float@recto
5409 % asymmetric or page is odd, so caption is on the right
5410 \hbox{%
5411 \usebox{#2}%
5412 \hspace{\marginparsep}%
5413 \smash{\raisebox{#1}{\usebox{#3}}}%
5414 }
5415 \@bidituftefloat@float@debug{Caption position: [right]}}%
5416 }{% symmetric pages and page is even, so caption is on the left
5417 \hbox{%
5418 \smash{\raisebox{#1}{\usebox{#3}}}%
5419 \hspace{\marginparsep}%
5420 \usebox{#2}%
5421 }
5422 \@bidituftefloat@float@debug{Caption position: [left]}}%
5423 }%
5424 }
5425 \newcommand{\@bidituftefloat@float@fullwidth}[3][Opt]{%
5426 \ifthenelse{\equal{\floatalignment}{b}}%
5427 {\place caption above figure
5428 \ifthenelse{\NOT\boolean{@bidituftefloat@symmetric}}\OR\boolean{@bidituftefloat@float@r

```



```

5429         {\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@bituftefloat@float@debug
5430         {\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@bituftefloat@float@debug
5431     }{% place caption below figure
5432         \ifthenelse{\NOT\boolean{@bituftefloat@symmetric}}{\OR\boolean{@bituftefloat@float@on
5433         {\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@bituftefloat@float@debug
5434         {\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@bituftefloat@float@debug
5435     }%
5436 }
5437 \renewenvironment{figure}[1][htbp]%
5438     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{figure}{}}
5439     {\end{@bituftefloat@float}}
5440 \renewenvironment{table}[1][htbp]
5441     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{}}
5442     {\end{@bituftefloat@float}}
5443 \renewenvironment{figure*}[1][htbp]%
5444     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{figure}{star}}
5445     {\end{@bituftefloat@float}}
5446 \renewenvironment{table*}[1][htbp]%
5447     {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{star}}
5448     {\end{@bituftefloat@float}}
5449 \newenvironment{fullwidth}
5450     {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
5451         {\ifthenelse{\boolean{@bituftefloat@changepage}}{\begin{adjustwidth*}{-}\@bituftef
5452         {\begin{adjustwidth}{-}\@bituftefloat@overhang}}%
5453     }%
5454     {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
5455         {\ifthenelse{\boolean{@bituftefloat@changepage}}{\end{adjustwidth*}}{\end{adjustwidth}}
5456         {\end{adjustwidth}}}%
5457 }
5458 \long\def\@caption#1[#2]#3{%
5459     \par%
5460     \addcontentsline{\csname ext@#1\endcsname}{#1}%
5461         {\protect\numberline{\csname the#1\endcsname}{\ignorespaces #2}}%
5462     \begingroup%
5463         \@parboxrestore%
5464         \if@minipage%
5465             \setminipage%
5466         \fi%
5467         \@bituftefloat@caption@font\@bituftefloat@caption@justification%
5468         \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
5469         %\@makecaption{\csname fnum@#1\endcsname}{\ignorespaces #3}\par
5470     \endgroup}
5471 %%
5472 % Turns newlines into spaces. Based on code from the `titlesec' package.
5473 \DeclareRobustCommand{\@bituftefteheading@newlinetospace}{%
5474     \@ifstar{\@bituftefteheading@newlinetospace@i}{\@bituftefteheading@newlinetospace@i}%
5475 }
5476 \def\@bituftefteheading@newlinetospace@i{%
5477     \ifdim\lastskip>\z@ \else\space\fi
5478     \ignorespaces%
5479 }
5480 \DeclareRobustCommand{\newlinetospace}[1]{%
5481     \let\@bituftefteheading@orig@cr\\% save the original meaning of \\
5482     \def\\{\@bituftefteheading@newlinetospace}% turn \\ and \\* into \space

```



```

5483 \let\newline\\% turn \newline into \space
5484 #1%
5485 \let\\@biditytfeheading@orig@cr% revert to original meaning of \\
5486 }
5487 \RequirePackage{fancyhdr}
5488 \pagestyle{fancy}
5489 \AtBeginDocument{%
5490 \ifthenelse{\boolean{@biditytffloat@symmetric}}
5491   {\fancyhfoffset[LE,RO]{\@biditytffloat@overhang}}
5492   {\fancyhfoffset[RE,RO]{\@biditytffloat@overhang}}
5493 }
5494 % The running heads/feet don't have rules
5495 \renewcommand{\headrulewidth}{0pt}
5496 \renewcommand{\footrulewidth}{0pt}
5497 % The 'fancy' page style is the default style for all pages.
5498 \fancyhf{} % clear header and footer fields
5499 \ifthenelse{\boolean{@biditytffloat@symmetric}}
5500   {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
5501   \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
5502   {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
5503 % The 'plain' page style is used on chapter opening pages.
5504 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
5505 % bottom of pages -- the folios are unexpressed.
5506 \fancypagestyle{plain}{
5507 \fancyhf{} % clear header and footer fields
5508 % Uncomment the following five lines of code if you want the opening page
5509 % of the chapter to express the folio in the lower outside corner.
5510 % \ifthenelse{\boolean{@biditytffloat@symmetric}}
5511 %   {\fancyfoot[LE,RO]{\thepage}}
5512 %   {\fancyfoot[RE,RO]{\thepage}}
5513 }
5514 % The 'empty' page style suppresses all headers and footers.
5515 % It's used on title pages and 'intentionally blank' pages.
5516 \fancypagestyle{empty}{
5517 \fancyhf{} % clear header and footer fields
5518 }
5519 \def\morefloats{% provides a total of 52 floats
5520 \ifthenelse{\isundefined{\bx@S}}{%
5521 \biditytffloatDebugInfoNL{Adding 34 more float slots.}
5522 \newinsert\bx@S
5523 \newinsert\bx@T
5524 \newinsert\bx@U
5525 \newinsert\bx@V
5526 \newinsert\bx@W
5527 \newinsert\bx@X
5528 \newinsert\bx@Y
5529 \newinsert\bx@Z
5530 \newinsert\bx@a
5531 \newinsert\bx@b
5532 \newinsert\bx@c
5533 \newinsert\bx@d
5534 \newinsert\bx@e
5535 \newinsert\bx@f
5536 \newinsert\bx@g

```



```

5537 \newinsert\bx@h
5538 \newinsert\bx@i
5539 \newinsert\bx@j
5540 \newinsert\bx@k
5541 \newinsert\bx@l
5542 \newinsert\bx@m
5543 \newinsert\bx@n
5544 \newinsert\bx@o
5545 \newinsert\bx@p
5546 \newinsert\bx@q
5547 \newinsert\bx@r
5548 \newinsert\bx@s
5549 \newinsert\bx@t
5550 \newinsert\bx@u
5551 \newinsert\bx@v
5552 \newinsert\bx@w
5553 \newinsert\bx@x
5554 \newinsert\bx@y
5555 \newinsert\bx@z
5556 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
5557 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
5558 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
5559 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
5560 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
5561 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
5562 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
5563 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
5564 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
5565 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
5566 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
5567 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
5568 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
5569 \ifthenelse{\isundefined\bx@AA}}{%
5570 \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
5571 \newinsert\bx@AA
5572 \newinsert\bx@BB
5573 \newinsert\bx@CC
5574 \newinsert\bx@DD
5575 \newinsert\bx@EE
5576 \newinsert\bx@FF
5577 \newinsert\bx@GG
5578 \newinsert\bx@HH
5579 \newinsert\bx@II
5580 \newinsert\bx@JJ
5581 \newinsert\bx@KK
5582 \newinsert\bx@LL
5583 \newinsert\bx@MM
5584 \newinsert\bx@NN
5585 \newinsert\bx@OO
5586 \newinsert\bx@PP
5587 \newinsert\bx@QQ
5588 \newinsert\bx@RR
5589 \newinsert\bx@SS
5590 \newinsert\bx@TT

```



```

5591 \newinsert\bx@UU
5592 \newinsert\bx@VV
5593 \newinsert\bx@WW
5594 \newinsert\bx@XX
5595 \newinsert\bx@YY
5596 \newinsert\bx@ZZ
5597 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
5598 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
5599 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
5600 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
5601 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
5602 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
5603 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
5604 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
5605 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
5606 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
5607 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
5608 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z
5609 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
5610 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
5611 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
5612 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
5613 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
5614 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
5615 }{%
5616 \bidituftefloatError{You may only call \string\morefloats\space twice. See the\Message
5617 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space on
5618 }%
5619 }%
5620 }
5621 \newboolean{@bidituftefloat@packages@subfigure}
5622 \setboolean{@bidituftefloat@packages@subfigure}{false}
5623 \AtBeginDocument{%
5624 \ifpackageloaded{subfigure}
5625 {\GlobalSetBoolean{@bidituftefloat@packages@subfigure}{true}}
5626 {\GlobalSetBoolean{@bidituftefloat@packages@subfigure}{false}}%
5627 }
5628 \AtBeginDocument{%
5629 \ifpackageloaded{float}{%
5630 % Save the redefined float environment (instead of the LaTeX float environment)
5631 \let\@bidituftefloat@orig@float\@float
5632 \let\@bidituftefloat@orig@endfloat\end@float
5633
5634 % Define Tuftian float styles (with the caption in the margin)
5635 \newcommand{\floatc@bidituftefloatplain}[2]{%
5636 \begin{lrbox}{\@bidituftefloat@caption@box}%
5637 \begin{minipage}{\floatalignment}{\marginparwidth}\hbox{}%
5638 \@bidituftefloat@caption@font{\@fs@cfont #1:} #2\par%
5639 \end{minipage}%
5640 \end{lrbox}%
5641 \smash{\hspace{\@bidituftefloat@caption@fill}}\usebox{\@bidituftefloat@caption@box}}%
5642 }
5643 \newcommand{\fs@bidituftefloatplain}{%
5644 \def\@fs@cfont{\@bidituftefloat@caption@font}%

```



```

5645 \let\@fs@capt\floatc@biditytfloatplain%
5646 \def\@fs@pre{}%
5647 \def\@fs@post{}%
5648 \def\@fs@mid{}%
5649 \let\@fs@iftopcapt\iftrue%
5650 }
5651 \let\fs@biditytfloatplaintop=\fs@biditytfloatplain
5652 \let\floatc@biditytfloatplaintop=\floatc@biditytfloatplain
5653 \newcommand\floatc@biditytfloatruled[2]{%
5654 {\@fs@cfont #1} #2\par%
5655 }
5656 \newcommand\fs@biditytfloatruled{%
5657 \def\@fs@cfont{\@biditytfloat@caption@font}%
5658 \let\@fs@capt\floatc@biditytfloatplain%
5659 \def\@fs@pre{\hrule height.8pt depth0pt width\textwidth \kern2pt}%
5660 \def\@fs@post{\kern2pt\hrule width\textwidth\relax}%
5661 \def\@fs@mid{}%
5662 \let\@fs@iftopcapt\iftrue%
5663 }
5664 \newcommand\fs@biditytfloatboxed{%
5665 \def\@fs@cfont{}%
5666 \let\@fs@capt\floatc@biditytfloatplain%
5667 \def\@fs@pre{%
5668 \setbox\@currbox\vbox{\hbadness10000
5669 \moveleft3.4pt\vbox{\advance\hsize by6.8pt
5670 \hrule \hbox to\hsize{\vrule\kern3pt
5671 \vbox{\kern3pt\box\@currbox\kern3pt}\kern3pt\vrule}\hrule}}
5672 }%
5673 \def\@fs@mid{\kern2pt}%
5674 \def\@fs@post{}%
5675 \let\@fs@iftopcapt\iftrue%
5676 }
5677 }{%
5678 % Nothing to do
5679 }
5680 }
5681 \AtBeginDocument{%
5682 \ifpackageloaded{algorithm}{%
5683 % Set the float style to the Tuftian version
5684 \ifthenelse{\equal{\ALG@floatstyle}{plain}\OR\equal{\ALG@floatstyle}{ruled}\OR\equal{\ALG@floatstyle}{boxed}}{\let\floatc@biditytfloat\floatc@biditytfloatplain}{\let\floatc@biditytfloat\floatc@biditytfloatruled}
5685 \biditytfloatInfoNL{Switching algorithm float style from \ALG@floatstyle\MessageBreak to \floatstyle{biditytfloat\ALG@floatstyle}}
5686 \floatstyle{biditytfloat\ALG@floatstyle}%
5687 \restylefloat{algorithm}%
5688 }{%
5689 }{%
5690 % Nothing to do
5691 }
5692 }
5693 \PassOptionsToPackage{caption=false}{subfig}

```

## 28 File biditytfloatsidenote.sty

```

5694 \NeedsTeXFormat{LaTeX2e}
5695 \ProvidesPackage{biditytfloatsidenote}[2017/08/09 v0.4]

```



```

5696 bidi implementation of tufte sidenote]
5697 \RequirePackage{xifthen}
5698 \RequirePackage{ragged2e}
5699 \RequirePackage{setspace}
5700 \RequirePackage{bidiutils}
5701 \def\bidituftesidenotemarginpar{%
5702   \ifhmode
5703     \@bsphack
5704     \@floatpenalty -\@Mii
5705   \else
5706     \@floatpenalty-\@Miii
5707   \fi
5708   \ifinner
5709     \@parmoderr
5710     \@floatpenalty\z@
5711   \else
5712     \@next\@currbox\@freelist{}\{}%
5713     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
5714     {\@floatpenalty\z@
5715       \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
5716   \fi
5717   \ifnextchar [\@bidituftesidenotexmpar\@bidituftesidenoteympar}
5718 \long\def\@bidituftesidenotexmpar[#1]#2{%
5719   \@bidituftesidenotesavemarbox\@marbox{#1}%
5720   \@bidituftesidenotesavemarbox\@currbox{#2}%
5721   \@xympar}
5722 \long\def\@bidituftesidenoteympar#1{%
5723   \@bidituftesidenotesavemarbox\@marbox{#1}%
5724   \global\setbox\@currbox\copy\@marbox
5725   \@xympar}
5726 \long\def \@bidituftesidenotesavemarbox #1#2{%
5727   \global\setbox #1%
5728     \color@vbox
5729     \vtop{%
5730       \hsize\marginparwidth
5731       \@parboxrestore
5732       \@bidituftesidenotemarginparreset
5733       #2%
5734       \@minipagefalse
5735       \outer@nobreak
5736     }%
5737   \color@endbox
5738 }
5739 \def \@bidituftesidenotemarginparreset {%
5740   \reset@font
5741   \normalsize
5742   \@minipagetrue
5743   \everypar{\@minipagefalse\everypar{}\if@RTL@footnote\beginR\else\beginL\fi}%
5744 }
5745 \def\LTRbidituftesidenotemarginpar{%
5746   \ifhmode
5747     \@bsphack
5748     \@floatpenalty -\@Mii
5749   \else

```





```

5750 \floatpenalty-\@Miii
5751 \fi
5752 \ifinner
5753 \@parmoderr
5754 \floatpenalty\z@
5755 \else
5756 \next\@currbox\@freelist{}\}%
5757 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
5758 {\floatpenalty\z@
5759 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
5760 \fi
5761 \ifnextchar [\@LTRbiditytesidenotexmpar\@LTRbiditytesidenoteympar}
5762 \long\def\@LTRbiditytesidenotexmpar[#1]#2{%
5763 \@LTRbiditytesidenotesavemarbox\@marbox{#1}%
5764 \@LTRbiditytesidenotesavemarbox\@currbox{#2}%
5765 \xympar}
5766 \long\def\@LTRbiditytesidenoteympar#1{%
5767 \@LTRbiditytesidenotesavemarbox\@marbox{#1}%
5768 \global\setbox\@currbox\copy\@marbox
5769 \xympar}
5770 \long\def \@LTRbiditytesidenotesavemarbox #1#2{%
5771 \global\setbox #1%
5772 \color@vbox
5773 \vtop{%
5774 \hsize\marginparwidth
5775 \@parboxrestore
5776 \@LTRbiditytesidenotemarginparreset
5777 #2%
5778 \@minipagefalse
5779 \outer@nobreak
5780 }%
5781 \color@endbox
5782 }
5783 \def \@LTRbiditytesidenotemarginparreset {%
5784 \reset@font
5785 \normalsize
5786 \@minipagetrue
5787 \everypar{\@minipagefalse\everypar{}\beginL}%
5788 }
5789 \def\RTLbiditytesidenotemarginpar{%
5790 \ifhmode
5791 \bsphack
5792 \floatpenalty -\@Mii
5793 \else
5794 \floatpenalty-\@Miii
5795 \fi
5796 \ifinner
5797 \@parmoderr
5798 \floatpenalty\z@
5799 \else
5800 \next\@currbox\@freelist{}\}%
5801 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
5802 {\floatpenalty\z@
5803 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%

```



```

5804 \fi
5805 \@ifnextchar [\@RTLbidityftesidenotexmpar\@RTLbidityftesidenoteympar}
5806 \long\def\@RTLbidityftesidenotexmpar[#1]#2{%
5807 \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
5808 \@RTLbidityftesidenotesavemarbox\@currbox{#2}%
5809 \@xympar}
5810 \long\def\@RTLbidityftesidenoteympar#1{%
5811 \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
5812 \global\setbox\@currbox\copy\@marbox
5813 \@xympar}
5814 \long\def \@RTLbidityftesidenotesavemarbox #1#2{%
5815 \global\setbox #1%
5816 \color@vbox
5817 \vtop{%
5818 \hsize\marginparwidth
5819 \@parboxrestore
5820 \@RTLbidityftesidenotemarginparreset
5821 #2%
5822 \@minipagefalse
5823 \outer@nobreak
5824 }%
5825 \color@endbox
5826 }
5827 \def \@RTLbidityftesidenotemarginparreset {%
5828 \reset@font
5829 \normalsize
5830 \@minipagetrue
5831 \everypar{\@minipagefalse\everypar{}\beginR}%
5832 }
5833 \newcommand*{\@bidityftesidenote@marginfont}{\normalfont\footnotesize}
5834 \newcommand*{\@bidityftesidenote@LTRmarginfont}{\normalfont\footnotesize}
5835 \newcommand*{\@bidityftesidenote@RTLmarginfont}{\normalfont\footnotesize}
5836 \newcommand*{\@bidityftesidenote@sidenote@font}{\@bidityftesidenote@marginfont}
5837 \newcommand*{\@bidityftesidenote@LTRsidenote@font}{\@bidityftesidenote@LTRmarginfont}
5838 \newcommand*{\@bidityftesidenote@RTLSidenote@font}{\@bidityftesidenote@RTLmarginfont}
5839 \newcommand*{\@bidityftesidenote@marginnote@font}{\@bidityftesidenote@marginfont}
5840 \newcommand*{\@bidityftesidenote@LTRmarginnote@font}{\@bidityftesidenote@LTRmarginfont}
5841 \newcommand*{\@bidityftesidenote@RTLmarginnote@font}{\@bidityftesidenote@RTLmarginfont}
5842 \newcommand*{\@bidityftesidenote@citation@font}{\@bidityftesidenote@marginfont}
5843 \newcommand*{\@bidityftesidenote@LTRcitation@font}{\@bidityftesidenote@LTRmarginfont}
5844 \newcommand*{\@bidityftesidenote@RTLCitation@font}{\@bidityftesidenote@RTLmarginfont}
5845 \newcommand*{\setsidenotefont}[1]{\renewcommand*{\@bidityftesidenote@sidenote@font}{#1}}
5846 \newcommand*{\setLTRsidenotefont}[1]{\renewcommand*{\@bidityftesidenote@LTRsidenote@font}{#1}}
5847 \newcommand*{\setRTLSidenotefont}[1]{\renewcommand*{\@bidityftesidenote@RTLSidenote@font}{#1}}
5848 \newcommand*{\setmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@marginnote@font}{#1}}
5849 \newcommand*{\setLTRmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@LTRmarginnote@font}{#1}}
5850 \newcommand*{\setRTLmarginnotefont}[1]{\renewcommand*{\@bidityftesidenote@RTLmarginnote@font}{#1}}
5851 \newcommand*{\setcitationfont}[1]{\renewcommand*{\@bidityftesidenote@citation@font}{#1}}
5852 \newcommand*{\setLTRcitationfont}[1]{\renewcommand*{\@bidityftesidenote@LTRcitation@font}{#1}}
5853 \newcommand*{\setRTLCitationfont}[1]{\renewcommand*{\@bidityftesidenote@RTLCitation@font}{#1}}
5854 \newcommand*{\@bidityftesidenote@sidenote@justification}{\@bidityftesidenote@justification@auto}
5855 \newcommand*{\@bidityftesidenote@marginnote@justification}{\@bidityftesidenote@justification@auto}
5856 \newcommand*{\@bidityftesidenote@citation@justification}{\@bidityftesidenote@justification@auto}
5857 \newcommand*{\@bidityftesidenote@justification@autodetect}{\justifying}%

```



```

5858 \newcommand{\@bidityftesidenote@margin@par}{%
5859   \setlength{\RaggedRightParindent}{0.5pc}%
5860   \setlength{\JustifyingParindent}{0.5pc}%
5861   \setlength{\parindent}{0.5pc}%
5862   \setlength{\parskip}{0pt}%
5863 }
5864 %%
5865 % Globally sets the length
5866 \@ifundefined{gsetlength}{%
5867 \newcommand*{\gsetlength}[2]{%
5868   \setlength{#1}{#2}%
5869   \global#1=#1\relax%
5870 }%
5871 }{}
5872
5873 %%
5874 % A function that removes leading and trailing spaces from the supplied macro.
5875 % Based on code written by Michael Downes (See ``Around the Bend'', #15.)
5876 % Executing \@bidityftesidenote@trim@spaces\xyzyy will result in the contents of \xyzyy
5877 % being trimmed of leading and trailing white space.
5878 \catcode\Q=3
5879 \def\@bidityftesidenote@trim@spaces#1{%
5880   % Use grouping to emulate a multi-token afterassignment queue
5881   \begingroup%
5882   % Put \toks 0 {' into the afterassignment queue
5883   \aftergroup\toks\aftergroup0\aftergroup{%
5884     % Apply \trimb to the replacement text of #1, adding a leading
5885     % \noexpand to prevent brace stripping and to serve another purpose
5886     % later.
5887     \expandafter\@bidityftesidenote@trim@b\expandafter\noexpand#1Q Q}%
5888     % Transfer the trimmed text back into #1.
5889     \edef#1{\the\toks0}%
5890 }
5891 % \trimb removes a trailing space if present, then calls \@bidityftesidenote@trim@c to
5892 % clean up any leftover bizarre Qs, and trim a leading space. In
5893 % order for \trimc to work properly we need to put back a Q first.
5894 \def\@bidityftesidenote@trim@b#1 Q{\@bidityftesidenote@trim@c#1Q}%
5895 % Execute \vfuzz assignment to remove leading space; the \noexpand
5896 % will now prevent unwanted expansion of a macro or other expandable
5897 % token at the beginning of the trimmed text. The \endgroup will feed
5898 % in the \aftergroup tokens after the \vfuzz assignment is completed.
5899 \def\@bidityftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}%
5900 \catcode\Q=11
5901 %%
5902 % Citations should go in the margin as sidenotes
5903
5904 \RequirePackage{natbib}
5905 \RequirePackage{bibentry} % allows bibitems to be typeset outside the bibliography env
5906 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
5907 \renewcommand\BR@b@bibitem[2][]{%
5908   \ifthenelse{\isempty{#1}}{%
5909     {\BR@bibitem{#2}}%
5910     {\BR@bibitem[#1]{#2}}%
5911   }{\BR@c@bibitem{#2}}%

```



```

5912 }
5913 \bidi@AtEndPreamble{\nobibliography*} % pre-loads the bibliography keys
5914 %%
5915 % Normal \cite behavior
5916 \newcounter{@bidityftesidenote@num@bibkeys}%
5917 \newcommand{\@bidityftesidenote@normal@cite}[2][Opt]{%
5918 % Snag the last bibentry in the list for later comparison
5919 \let\@temp@last@bibkey\empty%
5920 \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
5921 \sidenote[] [#1]{%
5922 % Loop through all the bibentries, separating them with semicolons and spaces
5923 \normalsize\normalfont\@bidityftesidenote@citation@font%
5924 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
5925 \@for\@temp@bibkeyx:=#2\do{%
5926 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
5927 {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
5928 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5929 \bibentry{\@temp@bibkeyx}}%
5930 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5931 \bibentry{\@temp@bibkeyx};\ }%
5932 \stepcounter{@bidityftesidenote@num@bibkeys}%
5933 }%
5934 }%
5935 }
5936 \newcommand{\@bidityfteLTRsidenote@normal@cite}[2][Opt]{%
5937 % Snag the last bibentry in the list for later comparison
5938 \let\@temp@last@bibkey\empty%
5939 \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
5940 \LTRsidenote[] [#1]{%
5941 % Loop through all the bibentries, separating them with semicolons and spaces
5942 \normalsize\normalfont\@bidityftesidenote@LTRcitation@font%
5943 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
5944 \@for\@temp@bibkeyx:=#2\do{%
5945 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
5946 {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
5947 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5948 \bibentry{\@temp@bibkeyx}}%
5949 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5950 \bibentry{\@temp@bibkeyx};\ }%
5951 \stepcounter{@bidityftesidenote@num@bibkeys}%
5952 }%
5953 }%
5954 }
5955 \newcommand{\@bidityfteRTLsidenote@normal@cite}[2][Opt]{%
5956 % Snag the last bibentry in the list for later comparison
5957 \let\@temp@last@bibkey\empty%
5958 \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
5959 \RTLsidenote[] [#1]{%
5960 % Loop through all the bibentries, separating them with semicolons and spaces
5961 \normalsize\normalfont\@bidityftesidenote@citation@font%
5962 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
5963 \@for\@temp@bibkeyx:=#2\do{%
5964 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
5965 {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%

```



```

5966         \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5967         \bibentry{\@temp@bibkeyx}}%
5968         {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5969         \bibentry{\@temp@bibkeyx};\ }%
5970         \stepcounter{\@bidityftesidenote@num@bibkeys}%
5971     }%
5972 }%
5973 }
5974 %%
5975 % Macros for holding the list of cite keys until after the \sidenote
5976 \gdef\@bidityftesidenote@citations{}% list of cite keys
5977 \newcommand{\@bidityftesidenote@add@citation}[1]{\relax% adds a new bibkey to the list of cite
5978 \ifx\@bidityftesidenote@citations\empty\else
5979 \g@addto@macro\@bidityftesidenote@citations{,}% separate by commas
5980 \fi
5981 \g@addto@macro\@bidityftesidenote@citations{#1}
5982 }
5983 \newcommand{\@bidityftesidenote@print@citations}[1][0pt]{% puts the citations in a margin no
5984 % Snag the last bibentry in the list for later comparison
5985 \let\@temp@last@bibkey\empty%
5986 \@for\@temp@bibkey:=\@bidityftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
5987 \marginpar{%
5988 \hbox{\vspace*{#1}%
5989 \@bidityftesidenote@citation@font%
5990 \@bidityftesidenote@citation@justification%
5991 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
5992 \vspace*{-1\baselineskip}%
5993 % Loop through all the bibentries, separating them with semicolons and spaces
5994 \setcounter{\@bidityftesidenote@num@bibkeys}{0}%
5995 \@for\@temp@bibkeyx:=\@bidityftesidenote@citations\do{%
5996 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
5997 {\ifthenelse{\equal{value{\@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
5998 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
5999 \bibentry{\@temp@bibkeyx}}%
6000 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
6001 \bibentry{\@temp@bibkeyx};\ }%
6002 \stepcounter{\@bidityftesidenote@num@bibkeys}%
6003 }%
6004 }%
6005 }
6006 %%
6007 % \cite behavior when executed within a sidenote
6008 \newcommand{\@bidityftesidenote@sidenote@citations}{}% contains list of \cites in sidenote
6009 \newcommand{\@bidityftesidenote@infofootnote@cite}[1]{%
6010 \@bidityftesidenote@add@citation{#1}
6011 }
6012 %%
6013 % Set the default \cite style. This is set and reset by the \sidenote command.
6014 \let\cite\@bidityftesidenote@normal@cite
6015 \let\LTRcite\@bidityftesidenote@LTR@sidenote@normal@cite
6016 \let\RTLcite\@bidityftesidenote@RTL@sidenote@normal@cite
6017 %%
6018 % Transform existing \footnotes into \sidenotes
6019 % Sidenote: ``Where God meant footnotes to go.''' ---bidityftesidenote

```



```

6020 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional argu
6021 \providecommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote
6022 \renewcommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote
6023 % Override footmisc's definition to set the sidenote marks (numbers) inside the
6024 % sidenote's text block.
6025 \bidi@patch@AfterPackage{bidi}{\long\def\@makefnmark{\@textsuperscript{\@bidityftesidenote
6026 % Set the in-text footnote mark in the same typeface as the body text itself.
6027 \bidi@patch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnote
6028 \providecommand*\multiplefootnotemarker{\hspace{3sp}}
6029 \providecommand*\multfootsep{\,}
6030 \bidi@patch@AfterPackage{bidi}{%
6031 \renewcommand{\@footnotemark}{%
6032 \leavevmode%
6033 \ifhmode%
6034 \edef\@xsf{\the\spacefactor}%
6035 \bidityftesidenote@check@multiple@sidenotes%
6036 \nobreak%
6037 \fi%
6038 \@makefnmark%
6039 \ifhmode\spacefactor\@xsf\fi%
6040 \relax%
6041 }%
6042 }
6043 \newcommand{\@bidityftesidenote@check@multiple@sidenotes}{%
6044 \ifdim\lastkern=\multiplefootnotemarker\relax%
6045 \edef\@xsf{\the\spacefactor}%
6046 \unkern%
6047 \textsuperscript{\multfootsep}%
6048 \spacefactor\@xsf\relax%
6049 \fi
6050 }
6051 \bidi@patch@AfterPackage{bidi}{%
6052 \renewcommand\@footnotetext[2][0pt]{%
6053 \bidityftesidenotemarginpar{%
6054 \hbox{\vspace*{#1}}%
6055 \def\baselinestretch {\setspace@singlespace}%
6056 \reset@font%
6057 \bidi@footnotetext@font% \reset@font\footnotesize%
6058 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
6059 \vspace*{-1\baselineskip}\noindent%
6060 \protected@edef\@currentlabel{%
6061 \csname p@footnote\endcsname\@thefnmark%
6062 }%
6063 \color@begingroup%
6064 \makefnmark%
6065 \ignorespaces#2%
6066 }%
6067 \color@endgroup%
6068 }%
6069 }%
6070 \renewcommand\@LTRfootnotetext[2][0pt]{%
6071 \LTRbidityftesidenotemarginpar{%
6072 \hbox{\vspace*{#1}}%
6073 \def\baselinestretch {\setspace@singlespace}%

```



```

6074 \reset@font%
6075 \bidi@LTRfootnotetext@font% \reset@font\footnotesize%
6076 \@bidiuftesidenote@margin@par% use parindent and parskip settings for marginal text
6077 \vspace*{-1\baselineskip}\noindent%
6078 \protected@edef\@currentlabel{%
6079 \csname p@footnote\endcsname\@thefnmark%
6080 }%
6081 \color@begingroup%
6082 \makefnintext{%
6083 \ignorespaces#2%
6084 }%
6085 \color@endgroup%
6086 }%
6087 }%
6088 \renewcommand\@RTLfootnotetext[2][Opt]{%
6089 \RTLbidiuftesidenotemarginpar{%
6090 \hbox{\vspace*{#1}}%
6091 \def\baselinestretch {\setspace@singlespace}%
6092 \reset@font%
6093 \bidi@RTLfootnotetext@font% \reset@font\footnotesize%
6094 \@bidiuftesidenote@margin@par% use parindent and parskip settings for marginal text
6095 \vspace*{-1\baselineskip}\noindent%
6096 \protected@edef\@currentlabel{%
6097 \csname p@footnote\endcsname\@thefnmark%
6098 }%
6099 \color@begingroup%
6100 \makefnintext{%
6101 \ignorespaces#2%
6102 }%
6103 \color@endgroup%
6104 }%
6105 }%
6106 }
6107 %
6108 % Define \sidenote command. Can handle \cite.
6109 \newlength{\@bidiuftesidenote@sidenote@vertical@offset}
6110 \setlength{\@bidiuftesidenote@sidenote@vertical@offset}{0pt}
6111 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
6112 \long\def\@bidiuftesidenote@sidenote[#1][#2]#3{%
6113 \let\cite\@bidiuftesidenote@infootnote@cite% use the in-sidenote \cite command
6114 \gdef\@bidiuftesidenote@citations{}% clear out any old citations
6115 \ifthenelse{\NOT\isempty{#2}}{%
6116 \gsetlength{\@bidiuftesidenote@sidenote@vertical@offset}{#2}%
6117 }{%
6118 \gsetlength{\@bidiuftesidenote@sidenote@vertical@offset}{0pt}%
6119 }%
6120 \ifthenelse{\isempty{#1}}{%
6121 % no specific footnote number provided
6122 \stepcounter\@mpfn%
6123 \protected@xdef\@thefnmark{\thempfn}%
6124 \@footnotemark\@footnotetext[\@bidiuftesidenote@sidenote@vertical@offset]{#3}%
6125 }{%
6126 % specific footnote number provided
6127 \begingroup%

```



```

6128     \csname c@\@mpfn\endcsname #1\relax%
6129     \unrestored@protected@xdef\@thefnmark{\thempfn}%
6130     \endgroup%
6131     \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
6132 }%
6133 \@bidityftesidenote@print@citations%           print any citations
6134 \let\cite\@bidityftesidenote@normal@cite%       go back to using normal in-text \cite comm
6135 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6136 \let\RTLcite\@bidityfteRTLSidenote@normal@cite% go back to using normal in-text \RTL
6137 \unskip\ignorespaces%                          remove extra white space
6138 \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
6139 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
6140 }
6141 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
6142   \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
6143   \gdef\@bidityftesidenote@citations{}%         clear out any old citations
6144   \ifthenelse{\NOT\isempty{#2}}{%
6145     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
6146   }{%
6147     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
6148   }%
6149   \ifthenelse{\isempty{#1}}{%
6150     % no specific footnote number provided
6151     \stepcounter\@mpfn%
6152     \protected@xdef\@thefnmark{\thempfn}%
6153     \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
6154   }{%
6155     % specific footnote number provided
6156     \begingroup%
6157       \csname c@\@mpfn\endcsname #1\relax%
6158       \unrestored@protected@xdef\@thefnmark{\thempfn}%
6159       \endgroup%
6160       \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
6161     }%
6162     \@bidityftesidenote@print@citations%           print any citations
6163     \let\cite\@bidityftesidenote@normal@cite%       go back to using normal in-text \cite comm
6164     \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6165     \let\RTLcite\@bidityfteRTLSidenote@normal@cite% go back to using normal in-text \RTL
6166     \unskip\ignorespaces%                          remove extra white space
6167     \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
6168     \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
6169   }
6170 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
6171   \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
6172   \gdef\@bidityftesidenote@citations{}%         clear out any old citations
6173   \ifthenelse{\NOT\isempty{#2}}{%
6174     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
6175   }{%
6176     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
6177   }%
6178   \ifthenelse{\isempty{#1}}{%
6179     % no specific footnote number provided
6180     \stepcounter\@mpfn%
6181     \protected@xdef\@thefnmark{\thempfn}%

```





```

6182 \@footnotemark\@RTLfootnotetext [\@bidityftesidenote@sidenote@vertical@offset]{#3}%
6183 }{%
6184 % specific footnote number provided
6185 \begingroup%
6186 \csname c@\@mpfn\endcsname #1\relax%
6187 \unrestored@protected@xdef\@thefnmark{\thempfn}%
6188 \endgroup%
6189 \@footnotemark\@RTLfootnotetext [\@bidityftesidenote@sidenote@vertical@offset]{#3}%
6190 }%
6191 \@bidityftesidenote@print@citations% print any citations
6192 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comm
6193 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6194 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL
6195 \unskip\ignorespaces% remove extra white space
6196 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
6197 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
6198 }
6199 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
6200 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
6201 \newcommand{\RTLsidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
6202 \bidi@patch@AfterPackage{bidi}{%
6203 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
6204 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
6205 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
6206 }
6207 %%
6208 % Sidenote without the footnote mark
6209 \newcommand\marginnote[2] [Opt]{%
6210 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
6211 \gdef\@bidityftesidenote@citations{}% clear out any old citations
6212 \bidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidity
6213 \@bidityftesidenote@print@citations% print any citations
6214 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comm
6215 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6216 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL
6217 }
6218 \newcommand\LTRmarginnote[2] [Opt]{%
6219 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
6220 \gdef\@bidityftesidenote@citations{}% clear out any old citations
6221 \LTRbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@LTRmarginnote@font\@
6222 \@bidityftesidenote@print@citations% print any citations
6223 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comm
6224 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6225 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL
6226 }
6227 \newcommand\RTLmarginnote[2] [Opt]{%
6228 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
6229 \gdef\@bidityftesidenote@citations{}% clear out any old citations
6230 \RTLbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@RTLmarginnote@font\@
6231 \@bidityftesidenote@print@citations% print any citations
6232 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comm
6233 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTR
6234 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTL
6235 }

```



## 29 File `bidituftetoc.sty`

```
6236 \NeedsTeXFormat{LaTeX2e}
6237 \ProvidesPackage{bidituftetoc}[2011/06/17 v0.1
6238 bidi implementation of tufte toc]
6239 \RequirePackage{titlesec,titletoc,xifthen,biditools}
6240 \newcommand{\@bidituftetoc@pkgname}{bidituftetoc}
6241 \newcommand{\bidituftetocError}[2]{\PackageError{\@bidituftetoc@pkgname}{#1}{#2}}
6242 %%
6243 % Turn off section numbering
6244 \setcounter{secnumdepth}{-1}
6245 \newboolean{@bidituftetoc@toc}
6246 \setboolean{@bidituftetoc@toc}{true}
6247 \DeclareOption{notoc}{\setboolean{@bidituftetoc@toc}{false}}
6248 \DeclareOption{toc}{\setboolean{@bidituftetoc@toc}{true}}
6249 \ProcessOptions
6250 %%
6251 % Make Tuftian-style section headings and TOC formatting
6252 \bidi@patch@AfterPackage{bidi}{%
6253 \titleformat{\chapter}%
6254 [display]% shape
6255 {\relax\ifthenelse{\NOT\boolean{@bidituftefloat@symmetric}}{\begin{fullwidth}}{}}% format
6256 {\itshape\huge\thechapter}% label
6257 {0pt}% horizontal separation between label and title body
6258 {\huge\rmfamily\itshape}% before the title body
6259 [\ifthenelse{\NOT\boolean{@bidituftefloat@symmetric}}{\end{fullwidth}}{}}% after the title
6260 \titleformat{\section}%
6261 [hang]% shape
6262 {\normalfont\Large\itshape}% format applied to label+text
6263 {\thesection}% label
6264 {1em}% horizontal separation between label and title body
6265 {}% before the title body
6266 []% after the title body
6267 \titleformat{\subsection}%
6268 [hang]% shape
6269 {\normalfont\large\itshape}% format applied to label+text
6270 {\thesubsection}% label
6271 {1em}% horizontal separation between label and title body
6272 {}% before the title body
6273 []% after the title body
6274 \titleformat{\paragraph}%
6275 [runin]% shape
6276 {\normalfont\itshape}% format applied to label+text
6277 {\theparagraph}% label
6278 {1em}% horizontal separation between label and title body
6279 {}% before the title body
6280 []% after the title body
6281 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
6282 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
6283 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
6284 }
6285 % Subsubsection and following section headings shouldn't be used.
6286 % See Bringhurst's The Elements of Typography, section 4.2.2.
6287 \renewcommand\subsubsection{%
```



```

6288 \biditytetocError{\noexpand\subsubsection is undefined by this class.%
6289 \MessageBreak See Robert Bringhurst's _The Elements of
6290 \MessageBreak Typographic Style_, section 4.2.2.
6291 \MessageBreak \noexpand\subsubsection was used}
6292 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
6293 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the m
6294 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
6295 }
6296 \renewcommand\subparagraph{%
6297 \biditytetocError{\noexpand\subparagraph is undefined by this class.%
6298 \MessageBreak See Robert Bringhurst's _The Elements of
6299 \MessageBreak Typographic Style_, section 4.2.2.
6300 \MessageBreak \noexpand\subparagraph was used}
6301 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
6302 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the m
6303 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
6304 }
6305 % Formatting for main TOC (printed in front matter)
6306 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
6307 \ifthenelse{\boolean{@biditytetoc@toc}}{%
6308 \bidity@patch@AfterPackage{bidity}{%
6309 \titlecontents{part}% FIXME
6310 [0em] % distance from left margin
6311 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global form
6312 {\contentslabel{2em}} % before w/label (label = ``II'')
6313 } % before w/o label
6314 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
6315 [\end{fullwidth}] % after
6316 \titlecontents{chapter}%
6317 [0em] % distance from left margin
6318 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global form
6319 {\hspace*{0em}\contentslabel{2em}} % before w/label (label = ``2'')
6320 {\hspace*{0em}} % before w/o label
6321 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
6322 [\end{fullwidth}] % after
6323 \titlecontents{section}% FIXME
6324 [0em] % distance from left margin
6325 {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global format
6326 {\hspace*{2em}\contentslabel{2em}} % before w/label (label = ``2.6'')
6327 {\hspace*{2em}} % before w/o label
6328 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
6329 [\end{fullwidth}] % after
6330 \titlecontents{subsection}% FIXME
6331 [0em] % distance from left margin
6332 {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global format
6333 {\hspace*{4em}\contentslabel{4em}} % before w/label (label = ``2.6.1'')
6334 {\hspace*{4em}} % before w/o label
6335 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
6336 [\end{fullwidth}] % after
6337 \titlecontents{paragraph}% FIXME
6338 [0em] % distance from left margin
6339 {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global f
6340 {\hspace*{6em}\contentslabel{2em}} % before w/label (label = ``2.6.0.0.1'')
6341 {\hspace*{6em}} % before w/o label

```



```

6342     {\rmfamily\upshape\qquad\thecontentspage} % filler + page (leaders and page num)
6343     [\end{fullwidth}] % after
6344 }%
6345 {}
6346 %%
6347 % Format lists of figures/tables
6348 \renewcommand\listoffigures{%
6349   \@ifundefined{chapter}%
6350     {\section*{\listfigurename}}%
6351     {\chapter*{\listfigurename}}%
6352 %   \begin{fullwidth}%
6353 %     \@starttoc{lof}%
6354 %   \end{fullwidth}%
6355 }
6356 \renewcommand\listoftables{%
6357   \@ifundefined{chapter}%
6358     {\section*{\listtablename}}%
6359     {\chapter*{\listtablename}}%
6360 %   \begin{fullwidth}%
6361 %     \@starttoc{lot}%
6362 %   \end{fullwidth}%
6363 }
6364 \newcommand{\@bidityfttoc@lof@line}[2]{%
6365   % #1 is the figure/table number and its caption text
6366   % #2 is the page number on which the figure/table appears
6367   \leftskip 0.0em
6368   \rightskip 0em
6369   \parfillskip 0em plus 1fil
6370   \parindent 0.0em
6371   \@afterindenttrue
6372   \interlinepenalty\@M
6373   \leavevmode
6374   \@tempdima 2.0em
6375   \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
6376   \null\nobreak\hskip -\if@RTL\rightskip\else\leftskip\fi
6377   {#1}\nobreak\qquad\nobreak#2%
6378   \par%
6379 }
6380 \renewcommand*\l@figure{\@bidityfttoc@lof@line}
6381 \let\l@table\l@figure

```

## 30 File bidityftgeneralstructure.sty

```

6382 \NeedsTeXFormat{LaTeX2e}
6383 \ProvidesPackage{bidityftgeneralstructure}[2011/06/18 v0.1
6384 bidi implementation of tufte general structure]
6385 \renewcommand\small{%
6386   \@setfontsize\small\@ixpt{12}%
6387   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
6388   \abovedisplayshortskip \z@ \@plus2\p@
6389   \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
6390   \def\@listi{\leftmargin\leftmargini
6391     \topsep 4\p@ \@plus2\p@ \@minus2\p@
6392     \parsep 2\p@ \@plus\p@ \@minus\p@

```



```

6393         \itemsep \parsep}%
6394     \belowdisplayskip \abovedisplayskip
6395 }
6396 \renewcommand\scriptsize{\@setfontsize\scriptsize\@viipt\@viiipt}
6397 \renewcommand\tiny{\@setfontsize\tiny\@vpt\@vipt}
6398 \renewcommand\large{\@setfontsize\large\@xipt{15}}
6399 \renewcommand\Large{\@setfontsize\Large\@xiipt{16}}
6400 \renewcommand\LARGE{\@setfontsize\LARGE\@xivpt{18}}
6401 \renewcommand\huge{\@setfontsize\huge\@xxpt{30}}
6402 \renewcommand\Huge{\@setfontsize\Huge{24}{36}}
6403 \setlength\leftmargini {1pc}
6404 \setlength\leftmarginii {1pc}
6405 \setlength\leftmarginiii {1pc}
6406 \setlength\leftmarginiv {1pc}
6407 \setlength\leftmarginv {1pc}
6408 \setlength\leftmarginvi {1pc}
6409 \setlength\labelsep {0.5pc}
6410 \setlength\labelwidth {\leftmargini}
6411 \addtolength\labelwidth{-\labelsep}
6412 \setlength{\parindent}{1.0pc}%
6413 \setlength{\parskip}{0pt}%
6414 \RequirePackage{ragged2e}
6415 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
6416 % Paragraph indentation and separation for normal text
6417 \newcommand{\@biditytgeneralstructure@reset@par}{%
6418     \setlength{\RaggedRightParindent}{1.0pc}%
6419     \setlength{\JustifyingParindent}{1.0pc}%
6420     \setlength{\parindent}{1pc}%
6421     \setlength{\parskip}{0pt}%
6422 }
6423 \@biditytgeneralstructure@reset@par
6424 % Require paralist package for tighter lists
6425 \RequirePackage{paralist}
6426 % Add rightmargin to compactenum
6427 \def\@compactenum{%
6428     \expandafter\list\csname label\@enumctr\endcsname{%
6429         \usecounter{\@enumctr}%
6430         \rightmargin=2em% added this
6431         \parsep\plparsep
6432         \itemsep\plitemsep
6433         \topsep\pltopsep
6434         \partopsep\plpartopsep
6435         \def\makelabel##1{\hss\llap{##1}}}}
6436 %%
6437 % An environment for paragraph-style section
6438 \providecommand\newthought[1]{%
6439     \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
6440     \noindent\textbf{#1}%
6441 }
6442 %%
6443 % Redefine the display environments (quote, quotation, etc.)
6444 \renewenvironment{verse}
6445     {\let\\\@centercr
6446     \list{}{\itemsep \z@

```



```

6447             \itemindent -1pc%
6448             \listparindent\itemindent
6449             \rightmargin \leftmargin
6450             \advance\leftmargin 1pc}%
6451         \small%
6452         \item\relax}
6453     {\endlist}
6454 \renewenvironment{quotation}
6455     {\list{}{\listparindent 1pc%
6456             \itemindent \listparindent
6457             \rightmargin \leftmargin
6458             \parsep \z@ \@plus\p@}%
6459     \small%
6460     \item\relax\noindent\ignorespaces}
6461 {\endlist}
6462 \renewenvironment{quote}
6463     {\list{}{\rightmargin\leftmargin}%
6464     \small%
6465     \item\relax}
6466 {\endlist}
6467 % Italicize description run-in headings (instead of the default bold)
6468 \renewcommand*{\descriptionlabel[1]{\hspace\labelsep\normalfont\em #1}
6469 %%
6470 % Redefine \bibsection to not mark the running heads.
6471 % (Code modified from natbib.sty.)
6472 \@ifundefined{chapter}%
6473     {\renewcommand\bibsection{\section*{\refname}}}
6474     {\@ifundefined{NAT@sectionbib}%
6475     {\renewcommand\bibsection{\chapter{\bibname}}}
6476     {\renewcommand\bibsection{\section*{\bibname}}}}
6477 \RequirePackage{multicol}
6478 \renewenvironment{theindex}{%
6479 \@ifundefined{chapter}%
6480     {\section*{\indexname}}%
6481     {\chapter{\indexname}}%
6482 \begin{fullwidth}%
6483 \small%
6484 \parskip0pt%
6485 \parindent0pt%
6486 \let\item\@idxitem%
6487 \begin{multicols}{3}%
6488 }{%
6489 \end{multicols}%
6490 \end{fullwidth}%
6491 }
6492 \AtBeginDocument{%
6493 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
6494 \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
6495 \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}%
6496 \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
6497 \newcommand{\lettergroup}[1]{% swallow the letter heading in the index

```

### 31 File bidentuftehyperref.sty



```

6498 \NeedsTeXFormat{LaTeX2e}
6499 \ProvidesPackage{bidiutfehyperref}[2011/06/18 v0.1
6500 bidi implementation of tufte hyperref]
6501 %%
6502 % Color
6503 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%
6504 \newboolean{@bidiutfehhyperref@loadhyper}
6505 \setboolean{@bidiutfehhyperref@loadhyper}{true}
6506 \DeclareOption{hyper}{\setboolean{@bidiutfehhyperref@loadhyper}{true}}
6507 \DeclareOption{nohyper}{\setboolean{@bidiutfehhyperref@loadhyper}{false}}
6508 \ProcessOptions
6509 %% Loads the hyperref package and sets some default options.
6510 \newcommand{\bidiutfehhyperrefLoadHyperref}{%
6511 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
6512 \hypersetup{%
6513     bookmarksdepth = section,
6514     citecolor = DarkGreen,
6515     linkcolor = DarkBlue,
6516 %    pagecolor = DarkBlue,
6517     urlcolor = DarkGreen,
6518 }%
6519 }
6520 \ifthenelse{\boolean{@bidiutfehhyperref@loadhyper}}{%
6521 \bidiutfehhyperrefLoadHyperref%
6522 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.
6523 \PassOptionsToPackage[hyperfootnotes=false]{hyperref}
6524 }

```

## 32 File bidiutftetitle.sty

```

6525 \NeedsTeXFormat{LaTeX2e}
6526 \ProvidesPackage{bidiutftetitle}[2011/06/18 v0.1
6527 bidi implementation of tufte title]
6528 \RequirePackage{bidiutftools}
6529 %%
6530 % 'titlepage' option -- creates a full title page with \maketitle
6531 \newboolean{@bidiutftetitle@titlepage}
6532 \DeclareOption{titlepage}{\setboolean{@bidiutftetitle@titlepage}{true}}
6533 \DeclareOption{notitlepage}{\setboolean{@bidiutftetitle@titlepage}{false}}
6534 % Default 'book' and 'handout' options
6535 \@ifclassloaded{book}{%
6536 \ExecuteOptions{titlepage}}{%
6537 \@ifclassloaded{article}{%
6538 \ExecuteOptions{notitlepage}}%
6539 {}}
6540 \ProcessOptions
6541 %%
6542 % Modified \title, \author, and \date commands. These store the
6543 % (footnote-less) values in \plaintitle, \plainauthor, and \thedata, respectively.
6544 \newcommand{\plaintitle}{}% plain-text-only title
6545 \newcommand{\plainauthor}{}% plain-text-only author
6546 \newcommand{\plainpublisher}{}% plain-text-only publisher
6547 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
6548 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}

```



```

6549 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
6550 \newcommand{\@publisher}{}% full publisher with \thanks{}
6551 \newcommand{\thedata}{\today}
6552 \bidi@patch@AfterPackage{bidi}{%
6553 \renewcommand{\thanks}[1]{\footnote{#1}}
6554 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
6555 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
6556 }
6557 \renewcommand{\title}[2][]{%
6558   \gdef\@title{#2}%
6559   \begingroup%
6560     % TODO store contents of \thanks command
6561     \renewcommand{\thanks}[1]{}% swallow \thanks contents
6562     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
6563     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
6564     \protected@xdef\thanklesstitle{#2}%
6565   \endgroup%
6566   \ifthenelse{\isempty{#1}}%
6567     {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
6568     {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
6569   \@ifundefined{hypersetup}%
6570     {}% hyperref is not loaded; do nothing
6571     {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
6572 }
6573 \let\@author\@empty% suppress default latex.ltx ``no author'' warning
6574 \renewcommand{\author}[2][]{%
6575   \ifthenelse{\isempty{#2}}{\}\{\gdef\@author{#2}}%
6576   \begingroup%
6577     % TODO store contents of \thanks command
6578     \renewcommand{\thanks}[1]{}% swallow \thanks contents
6579     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
6580     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
6581     \protected@xdef\thanklessauthor{#2}%
6582   \endgroup%
6583   \ifthenelse{\isempty{#1}}%
6584     {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
6585     {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
6586   \@ifundefined{hypersetup}%
6587     {}% hyperref is not loaded; do nothing
6588     {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
6589 }
6590 \renewcommand{\date}[1]{%
6591   \gdef\@date{#1}%
6592   \begingroup%
6593     % TODO store contents of \thanks command
6594     \renewcommand{\thanks}[1]{}% swallow \thanks contents
6595     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
6596     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
6597     \protected@xdef\thedata{#1}%
6598   \endgroup%
6599 }
6600 %%
6601 % Provides a \publisher command to set the publisher
6602 \newcommand{\publisher}[2][]{%

```





```

6603 \gdef\@publisher{#2}%
6604 \begingroup%
6605   \renewcommand{\thanks}[1]{}% swallow \thanks contents
6606   \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
6607   \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
6608   \protected@xdef\thanklesspublisher{#2}%
6609 \endgroup%
6610 \ifthenelse{\isempty{#1}}
6611   {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
6612   {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
6613 }
6614 %%
6615 % Produces a full title page
6616 \newcommand{\maketitlepage}[0]{%
6617   \cleardoublepage%
6618   {%
6619     \bfseries%
6620     \begin{fullwidth}%
6621       \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
6622       \vspace{11.5pc}%
6623       \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
6624       \vfill%
6625       \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
6626     \end{fullwidth}%
6627   }
6628   \thispagestyle{empty}%
6629   \clearpage%
6630 }
6631 %%
6632 % Title block
6633 \bidi@AfterEndPreamble{%
6634 \renewcommand{\maketitle}{%
6635   \newpage%
6636   \global\@topnum\z@% prevent floats from being placed at the top of the page
6637   \begingroup%
6638     \setlength{\parindent}{0pt}%
6639     \setlength{\parskip}{4pt}%
6640     \let\@title\@empty%
6641     \let\@author\@empty%
6642     \let\@date\@empty%
6643     \gdef\@title{\LARGE\itshape\@title\par}%
6644     \gdef\@author{\Large\itshape\@author\par}%
6645     \gdef\@date{\Large\itshape\@date\par}%
6646     \@title%
6647     \@author%
6648     \@date%
6649   \endgroup%
6650   \thispagestyle{plain}% suppress the running head
6651 }%
6652 }
6653 %%
6654 % Title page (if the `titlepage' option was passed to the bdituftetitle-handout
6655 % class.)
6656 \bidi@AfterEndPreamble{%

```



```

6657 \ifthenelse{\boolean{@bidityttitle@titlepage}}
6658   {\renewcommand{\maketitle}{\maketitlepage}}
6659   {}
6660 }
6661 %%
6662 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
6663 % without headers and footers
6664 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
6665   \hbox{}
6666   %\vspace*{\fill}
6667   %\begin{center}
6668   % This page intentionally contains only this sentence.
6669   %\end{center}
6670   %\vspace{\fill}
6671   \thispagestyle{empty}
6672   \newpage
6673   \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

### 33 File bidityfte-handout.cls

```

6674 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
6675 \ProvidesClass{bidityfte-handout}[2011/06/18 v0.1 bidityfte-handout class]
6676 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
6677 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftefloat}}
6678 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftetoc}}
6679 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftehyperref}}
6680 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityttetitle}}
6681 \ProcessOptions\relax
6682 \LoadClass{article}
6683 \RequirePackage{bidityftefloat}
6684 \RequirePackage{bidityftesidenote}
6685 \RequirePackage{bidityftetoc}
6686 \RequirePackage{bidityftegeneralstructure}
6687 \RequirePackage{bidityftehyperref}
6688 \RequirePackage{bidityttetitle}
6689 \renewenvironment{abstract}
6690   {\begin{quotation}}
6691   {\end{quotation}}
6692 \AtBeginDocument{%
6693 \IfFileExists{bidityfte-handout.cfg}
6694   {\input{bidityfte-handout.cfg}
6695     \ClassInfo{bidityfte-handout}{Loading bidityfte-handout configuration file \@gobble}}
6696   {}%
6697 }

```

### 34 File bidityfte-book.cls

```

6698 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
6699 \ProvidesClass{bidityfte-book}[2011/06/18 v0.1 bidityfte-book class]
6700 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
6701 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftefloat}}
6702 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftetoc}}
6703 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityftehyperref}}
6704 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidityttetitle}}

```



```

6705 \ProcessOptions\relax
6706 \LoadClass{book}
6707 \RequirePackage{bidiutefloat}
6708 \RequirePackage{bidiutefsidenote}
6709 \RequirePackage{bidiutetoc}
6710 \RequirePackage{bidiutegeneralstructure}
6711 \RequirePackage{bidiutetehyperref}
6712 \RequirePackage{bidiutetitle}
6713 %%
6714 % Set up any book-specific stuff now
6715 %%
6716 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
6717 % to the opening page of Chapter 1. The running heads, when they appear,
6718 % contain only the (arabic) page number in the outside corner.
6719 %\newif\if@mainmatter \@mainmattertrue
6720 \renewcommand\frontmatter{%
6721   \cleardoublepage%
6722   \@mainmatterfalse%
6723   \pagenumbering{arabic}%
6724   %\pagestyle{plain}%
6725   \fancyhf{}%
6726   \ifthenelse{\boolean{@bidiutefloat@twoside}}{%
6727     {\fancyhead[LE,RO]{\thepage}}%
6728     {\fancyhead[RE,RO]{\thepage}}%
6729   }
6730 %%
6731 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
6732 % numbering---it continues where it left off in the front matter.
6733 \renewcommand\mainmatter{%
6734   \cleardoublepage%
6735   \@mainmattertrue%
6736   \fancyhf{}%
6737   \ifthenelse{\boolean{@bidiutefloat@twoside}}{%
6738     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%
6739     \fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
6740     \fancyhead[RO]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
6741     {\fancyhead[RE,RO]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
6742   }
6743 %%
6744 % The back matter contains appendices, indices, glossaries, endnotes,
6745 % bibliographies, list of contributors, illustration credits, etc.
6746 \renewcommand\backmatter{%
6747   \if@openright%
6748     \cleardoublepage%
6749   \else%
6750     \clearpage%
6751   \fi%
6752   \@mainmatterfalse%
6753 }
6754 %%
6755 % Only show the chapter titles in the table of contents
6756 \setcounter{tocdepth}{0}
6757 \AtBeginDocument{%
6758 \IfFileExists{bidiutfe-book.cfg}

```



```

6759 {\input{biditufte-book.cfg}
6760 \ClassInfo{biditufte-book}{Loading biditufte-book configuration file \@gobble}}
6761 {}%
6762 }

```

## 35 File bidipoem.sty

```

6763 \NeedsTeXFormat{LaTeX2e}
6764 \ProvidesPackage{bidipoem}%
6765 [2019/03/03 v1.0 Environments for typesetting Persian traditional and modern poems]
6766
6767 % Usage:
6768 %
6769 % \Setversedim #1#2 % define the layout (within a group):
6770 % #1 = length of both half-verses
6771 % #2 = separation distance = length of a connection, if present
6772 % Variant:
6773 % \Setversedim #1[#2]#3 % for half-verses of unequal length
6774 % #1 = length of first (=right) half-verse
6775 % #2 = length of second (=left) half-verse
6776 % #3 = separation distance = length of a connection, if present
6777 %
6778 % \traditionalhalfverses #1#2 % typeset two separated half-verses
6779 % #1 = text of first (=right) half-verse
6780 % #2 = text of second (=left) half-verse
6781 % Variant:
6782 % \traditionalhalfverses #1[#2]#3 % typeset two connected half-verses
6783 % #1 = text of first (=right) half-verse
6784 % #2 = text of connection
6785 % #3 = text of second (=left) half-verse
6786 %
6787 % Alternative (if preferred):
6788 %
6789 % \traditionalconnverses #1#2#3 % = \traditionalhalfverses #1[#2]#3
6790
6791
6792 \newcommand*{\bidipoem@spreadbox}[2]{\hbox to #1{#2}}
6793
6794 % define the layout, verses will be centered
6795
6796 \newdimen \bidipoem@hvlen \newdimen \bidipoem@hvsep
6797 \newdimen \bidipoem@hvind \newdimen \bidipoem@@hvlen
6798
6799 \newcommand*{\Setversedim}[2]{% set lengths of half-verse, [separation]
6800 \bidipoem@hvind \textwidth
6801 \bidipoem@hvlen #1\relax \advance \bidipoem@hvind -\bidipoem@hvlen
6802 \ifx [#2\def \bidipoem@next {\bidipoem@set@verseI []}\else
6803 \bidipoem@@hvlen \bidipoem@hvlen \def \bidipoem@next {\bidipoem@set@@verse {#2}}\fi \bidipoem@next
6804
6805 \def \bidipoem@set@verseI [#1]{% optional parameter
6806 \bidipoem@@hvlen #1\relax \bidipoem@set@@verse }
6807
6808 \newcommand*{\bidipoem@set@@verse}[1]{% separation
6809 \advance \bidipoem@hvind -\bidipoem@@hvlen \bidipoem@hvsep #1\relax

```



```

6810 \advance \bidipoem@hvind -\bidipoem@hvsep \divide \bidipoem@hvind 2 }
6811
6812 \newcommand*{\traditionalconnverses}[3]{% first half-verse, connection, second half-verse
6813 \ifdim Opt > \bidipoem@hvind %
6814 \bidipoem@spreadbox \bidipoem@hvlen {#1}\\ \hfill % first block
6815 \else
6816 \noindent \hskip \bidipoem@hvind \relax \bidipoem@spreadbox \bidipoem@hvlen {#1}\fi
6817 \bidipoem@spreadbox \bidipoem@hvsep {#2}% separator
6818 \bidipoem@spreadbox \bidipoem@hvlen {#3}% second block
6819 \par }
6820
6821 % macro for two half verses
6822 \newcommand*{\traditionalhalfverses}[2]{% optional parameter?
6823 \ifx [#2\def\bidipoem@half@verses@next{\bidipoem@half@verses {#1}[]}%
6824 \else\def\bidipoem@half@verses@next{\bidipoem@half@verses {#1}[\hfill]{#2}}\fi%
6825 \bidipoem@half@verses@next}
6826
6827 \def \bidipoem@half@verses #1[#2]#3{% first[mid]second
6828 \traditionalconnverses {#1}{#2}{#3}}
6829
6830
6831 {\catcode\^^M=\active % these lines must end with %
6832 \gdef\traditionalpoem@obeylines{\catcode\^^M=\active \let^^M\traditionalpoem@par}%
6833 \global\let^^M\traditionalpoem@par} % this is in case ^^M appears in a \write
6834 {\catcode\^^M=\active % these lines must end with %
6835 \gdef\modernpoem@obeylines{\catcode\^^M=\active \let^^M\modernpoem@par}%
6836 \global\let^^M\modernpoem@par} % this is in case ^^M appears in a \write
6837 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
6838 \def\poemmarginskip{1em plus 1fil minus 1em}
6839 \def\poemextrabaselineskip{0\baselineskip}
6840 \def\poemskip{\medskip}
6841 \newcommand{\bidipoem@openbox}{\leavevmode
6842 \hbox to.77778em{%
6843 \hfil\vrule
6844 \vbox to.675em{\hrule width.6em\vfil\hrule}%
6845 \vrule\hfil}}
6846 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
6847 \newdimen\versewidth
6848 \newtoks\bidipoem@p@ftn
6849 \def\poem@verse#1{%
6850 \ifdim\wd#1>\new@poem@width
6851 \xdef\new@poem@width{\the\wd#1}%
6852 \ifdim\new@poem@width>\poem@width
6853 \xdef\poem@width{\new@poem@width}%
6854 \global\let\poem@needrun\relax
6855 \fi
6856 \fi
6857 \hbox to\poem@width{\unhbox#1}%
6858 \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
6859 }
6860 \def\poem@linebegin{\vadjust{}\hskip\@flushglue\hskip\poemmarginskip\relax}
6861 \def\poem@lineend{\nobreak\hskip\poemmarginskip\hskip\@flushglue\vadjust{}}
6862 \def\poem@lineversesep{%
6863 \nobreak

```



```

6864 \hskip\z@ plus 1filll%
6865 \penalty600%
6866 \hskip\poemcolsepskip
6867 \hskip\z@ plus -2filll%
6868 \vadjust{}%
6869 \nobreak
6870 \hskip\z@ plus 1filll%
6871 }
6872 \def\poem@lineparsebegin{%
6873 \halign\bgroup
6874 \global\setbox\verse@i=\hbox{%
6875 \let\@footnotetext\bidipoem@p@ftntext%
6876 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
6877 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
6878 \let\@xfootnotenext\bidipoem@p@xftntext%
6879 \let\@xfootnote\bidipoem@p@xfootnote%
6880 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
6881 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
6882 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
6883 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
6884 \ignorespaces##\unskip}&&
6885 \global\setbox\verse@ii=\hbox{%
6886 \let\@footnotetext\bidipoem@p@ftntext%
6887 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
6888 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
6889 \let\@xfootnotenext\bidipoem@p@xftntext%
6890 \let\@xfootnote\bidipoem@p@xfootnote%
6891 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
6892 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
6893 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
6894 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
6895 \ignorespaces##\unskip}
6896 \cr
6897 }
6898 \def\poem@lineparseend{%
6899 \crcr\egroup
6900 \vskip-\baselineskip
6901 }
6902 \def\traditionalpoem@cr{%
6903 \cr\poem@line
6904 }
6905 \newbox\verse@i
6906 \newbox\verse@ii
6907 \newif\ifpoem@started
6908
6909 \def\poem@line{%
6910 \poem@lineparseend
6911 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
6912 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
6913 \ifpoem@started
6914 \ifdim\wd\verse@ii>\z@\else
6915 \nopagebreak[3]
6916 \fi
6917 \leavevmode

```



```

6918 \poem@linebegin
6919 \poem@verse\verse@i
6920 \ifdim\wd\verse@ii>\z@
6921 \poem@lineversesep
6922 \poem@verse\verse@ii
6923 \fi
6924 \poem@lineend
6925 % \nopagebreak
6926 \par
6927 \vskip\poemextrabaselineskip
6928 \fi
6929 \poem@lineparsebegin
6930 }
6931 \def\@traditionalpoem{%
6932 \stepcounter{poem@no}
6933 \ifnum\max@poem@no<\number\c@poem@no%
6934 \xdef\poem@width{\z@}%
6935 \else
6936 \xdef\poem@width{\poem@prop{poem@width}}%
6937 \fi
6938 \xdef\new@poem@width{\z@}%
6939 \global\versewidth=\poem@width
6940 \poemskip\par
6941 \begingroup
6942 \tabskip=\z@
6943 \parskip=\z@
6944 \parindent=\z@
6945 \parfillskip=\z@
6946 \rightskip=\z@
6947 \leftskip=\z@
6948 \widowpenalty=10000% No break between verses of the same line.
6949 \clubpenalty=10000% Same as above. Not really needed.
6950 \def\newblock{\hfil\poemblocksep\hfil\null}%
6951 \def\traditionalpoem@par{\traditionalpoem@cr}% Redefine \par for possible \obeylines
6952 \def\{\{\global\poem@startedtrue\traditionalpoem@cr}%
6953 \global\poem@startedfalse
6954 \csname poem@obeylines\endcsname
6955 \let\poem@obeylines\relax
6956 \poem@lineparsebegin
6957 }
6958 \def\@endtraditionalpoem{%
6959 \cr
6960 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
6961 \noalign{%
6962 \skip0=\poemextrabaselineskip
6963 \vskip-\skip0
6964 \vskip-\baselineskip
6965 }%
6966 \fi\fi
6967 \poem@lineparseend
6968 \endgroup
6969 \par
6970 \vskip\baselineskip
6971 \poemskip

```



```

6972 \ifdim\new@poem@width<\poem@width
6973 \global\let\poem@needrun\relax
6974 \fi
6975 \poem@write@aux{poem@width@romannumeral@c@poem@no}{\new@poem@width}%
6976 \ifx\AtEndDocument\undefined\poem@finish\fi
6977 \@endparenv
6978 }
6979
6980
6981 \long\def\bidipoem@p@ftntext#1{%
6982 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@%mpfn\endcsname]}%
6983 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
6984 \long\def\bidipoem@p@LTRftntext#1{%
6985 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTRfootnotetext[\the\csname c@%mpfn\endcsname]}%
6986 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
6987 \long\def\bidipoem@p@RTLftntext#1{%
6988 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@%mpfn\endcsname]}%
6989 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
6990
6991 \long\def\bidipoem@p@xftntext[#1]#2{%
6992 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}}
6993
6994 \long\def\bidipoem@p@xLTRftntext[#1]#2{%
6995 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTRfootnotetext[#1]{#2}}}
6996
6997 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
6998 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}}
6999
7000 \def\bidipoem@p@xfootnote[#1]{%
7001 \begingroup
7002 \csname c@%mpfn\endcsname #1\relax
7003 \unrestored@protected@xdef\@thefnmark{\thempfn}%
7004 \endgroup
7005 \@footnotemark\bidipoem@p@xftntext[#1]}
7006
7007 \def\bidipoem@p@xLTRfootnote[#1]{%
7008 \begingroup
7009 \csname c@%mpfn\endcsname #1\relax
7010 \unrestored@protected@xdef\@thefnmark{\thempfn}%
7011 \endgroup
7012 \@footnotemark\bidipoem@p@xLTRftntext[#1]}
7013
7014 \def\bidipoem@p@xRTLfootnote[#1]{%
7015 \begingroup
7016 \csname c@%mpfn\endcsname #1\relax
7017 \unrestored@protected@xdef\@thefnmark{\thempfn}%
7018 \endgroup
7019 \@footnotemark\bidipoem@p@xRTLftntext[#1]}
7020
7021
7022
7023 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
7024 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\traditionalpoem@obey}
7025 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}

```





```

7026 \def\poem@finish{%
7027 \poem@write@aux{max@poem@no}{\number\c@poem@no}%
7028 \ifx\poem@needrun\relax
7029 \PackageWarning{bidipoem}{Unjustified poem. Rerun XeLaTeX to get poem right}%
7030 \global\let\poem@needrun\undefined
7031 \fi
7032 }
7033 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
7034 \newcounter{poem@no}\setcounter{poem@no}{\z@}
7035 \ifx\max@poem@no\undefined
7036 \def\max@poem@no{0}%
7037 \fi
7038 \newcommand{\poem@prop}[1]{\@nameuse{#1\romannumeral\c@poem@no}}
7039 \newcommand{\poem@write@aux}[2]{%
7040 \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
7041 \@x
7042 }
7043 \def\@modernpoem{%
7044 \par
7045 \begingroup
7046 \parskip=\z@
7047 \parindent=\z@
7048 \def\[\{\@settab\@tabplus\ignorespaces}%
7049 \def\]\{\@tabminus\ignorespaces}%
7050 \def\newblock{\poemblocksep}%
7051 \let\newpoem@tabcr\@tabcr
7052 \def\modernpoem@par{% Redefine \par for possible \obeylines
7053 \ifpoem@started\else
7054 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
7055 \@stopfield
7056 \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
7057 \@contfield
7058 \fi
7059 \fi
7060 \ifpoem@started\newpoem@tabcr\fi}%
7061 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
7062 \global\poem@startedfalse
7063 \csname poem@obeylines\endcsname
7064 \let\poem@obeylines\relax
7065 \begin{tabbing}%
7066 }
7067 \def\@endmodernpoem{%
7068 \global\poem@startedfalse
7069 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
7070 \@stopfield
7071 \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
7072 \@contfield
7073 \fi
7074 \ifpoem@started\else\let\@stopline\@stopfield\fi
7075 \end{tabbing}%
7076 \endgroup
7077 \par
7078 \if@nparlist \else
7079 \ifdim\lastskip >\z@

```



```

7080      \@tempskipa\lastskip \vskip -\lastskip
7081      \advance\@tempskipa\parskip \advance\@tempskipa -\@outerparskip
7082      \vskip\@tempskipa
7083      \fi
7084      \@endparenv
7085    \fi
7086  }
7087  \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
7088  \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\modernpoem@obeylines\mode
7089  \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
7090  \gdef\@startfield{%
7091  \global\setbox\@curfield\hbox\bgroup%
7092  \let\@footnotetext\bidipoem@p@ftntext%
7093  \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
7094  \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
7095  \let\@xfootnotenext\bidipoem@p@xftntext%
7096  \let\@xfootnote\bidipoem@p@xfootnote%
7097  \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
7098  \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
7099  \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
7100  \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
7101  \color@begingroup}
7102  \gdef\@stopfield{%
7103  \color@endgroup\egroup\global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn}
7104  \gdef\@contfield{%
7105  \global\setbox\@curfield\hbox\bgroup%
7106  \let\@footnotetext\bidipoem@p@ftntext%
7107  \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
7108  \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
7109  \let\@xfootnotenext\bidipoem@p@xftntext%
7110  \let\@xfootnote\bidipoem@p@xfootnote%
7111  \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
7112  \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
7113  \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
7114  \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
7115  \color@begingroup\unhbox\@curfield}

```

### 36 File boek3-xetex-bidi.def

```

7116 \ProvidesFile{boek3-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for boek3 class for XeT
7117 \renewenvironment{theindex}{%
7118   \if@twocolumn
7119     \@restonecolfalse
7120   \else
7121     \@restonecoltrue
7122   \fi
7123   \columnseprule \z@
7124   \columnsep 35\p@
7125   \twocolumn[\@makeschapterhead{\indexname}]%
7126   \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
7127   \thispagestyle{plain}\parindent\z@
7128   \parskip\z@ \@plus .3\p@\relax
7129   \let\item\@idxitem
7130 }{%

```



```

7131 \if@restonecol\onecolumn\else\clearpage\fi}
7132 \renewcommand*\head@style{%
7133   \interlinepenalty \@M
7134   \hyphenpenalty=\@M \exhyphenpenalty=\@M
7135   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
7136 \renewcommand*\@regtocline[3]{%
7137   \ifnum #1>\c@tocdepth
7138   \else
7139     \vskip\z@\@plus.2\p@
7140     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
7141      \if@RTL\rightskip\else\leftskip\fi\unitindent
7142      \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
7143      \parfillskip\z@
7144      \@tempdima\unitindent
7145      \parindent\z@
7146      \leavevmode
7147      \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
7148      \hskip 1em \nobreak{\slshape #3}\par
7149     }%
7150   \fi}
7151 \if@oldtoc
7152 \renewcommand*\l@part[2]{%
7153   \ifnum \c@tocdepth >-2\relax
7154     \addpenalty{-\@highpenalty}%
7155     \addvspace{2.25em \@plus\p@}%
7156     \begingroup
7157       \setlength\@tempdima{3em}%
7158       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7159       \parfillskip -\@pnumwidth
7160       {\leavevmode
7161        \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
7162        \nobreak
7163        \global\@nobreaktrue
7164        \everypar{\global\@nobreakfalse\everypar{}}%
7165      \endgroup
7166   \fi}
7167 \else
7168   \renewcommand*\l@part{%
7169     \ifnum \c@tocdepth >-2\relax
7170       \addpenalty{-\@highpenalty}%
7171       \addvspace{2.25em \@plus \p@}%
7172       \@regtocline{0}%
7173     \fi}
7174 \fi
7175 \if@oldtoc
7176 \renewcommand*\l@chapter[2]{%
7177   \addpenalty{-\@highpenalty}%
7178   \vskip 1.0em \@plus\p@
7179   \setlength\@tempdima{1.5em}%
7180   \begingroup
7181     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7182     \parfillskip -\@pnumwidth
7183     \leavevmode \bfseries
7184     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima

```



```

7185 \hskip -\if@RTL\rightskip\else\leftskip\fi
7186 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
7187 \penalty\@highpenalty
7188 \endgroup}
7189 \else
7190 \renewcommand*\l@chapter{\@regtocline{0}}
7191 \fi
7192 \renewenvironment{abstract}{%
7193 \titlepage
7194 \null\vfil
7195 \section*\SectFont \abstractname}
7196 \noindent\ignorespaces}
7197 {\par\vfil\null\endtitlepage}
7198 \renewenvironment{thebibliography}[1]
7199 {\chapter*\bibname}%
7200 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
7201 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
7202 \bidi@thebibliography@font@hook%
7203 \list{\@biblabel{\@arabic\c@enumiv}}%
7204 {\settowidth\labelwidth{\@biblabel{#1}}%
7205 \leftmargin\labelwidth
7206 \advance\leftmargin\labelsep
7207 \@openbib@code
7208 \usecounter{enumiv}}%
7209 \let\p@enumiv\@empty
7210 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
7211 \sloppy\clubpenalty4000\widowpenalty4000%
7212 \sfcode\.\@m}
7213 {\def\@noitemerr
7214 {\@latex@warning{Empty `thebibliography' environment}}}%
7215 \endlist}
7216 \renewcommand*\left@footnoterule{%
7217 \kern-3\p@
7218 \kern.5\baselineskip
7219 \hrule\@width\unitindent
7220 \kern.4\baselineskip
7221 }
7222 \renewcommand*\right@footnoterule{%
7223 \kern-3\p@
7224 \kern.5\baselineskip
7225 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
7226 \kern.4\baselineskip}
7227 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
7228 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
7229 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
7230 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
7231 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
7232 \renewcommand*\theequation{%
7233 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
7234 \renewcommand*\thefigure{%
7235 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
7236 \renewcommand*\thetable{%
7237 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
7238 \renewcommand*\maketitle{%

```



```

7239 \begin{titlepage}%
7240   \let\footnotesize\small
7241   \let\right@footnoterule\relax
7242   \let\left@footnoterule\relax
7243   \let\textwidth@footnoterule\relax
7244   \let \footnote \thanks
7245   \long\def\@makefntext##1{\parindent\z@
7246     \def\labelitemi{\textendash}\@revlabeltrue
7247     \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
7248   \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
7249   \if@compatibility\setcounter{page}{0}\fi
7250   \null\vfil
7251   \vskip 60\p@
7252   \begin{center}%
7253     \TitleFont
7254     {\LARGE \def\\{\penalty -\@M}
7255       \if@allcaps
7256         \expandafter\uc@nothanks\@title\thanks\relax
7257       \else
7258         \@title
7259       \fi\par}%
7260   \vskip 3em%
7261   {\large
7262     \lineskip .75em \parindent\z@
7263     \begin{tabular}[t]{c}%
7264       \if@allcaps
7265         \expandafter\uc@authornothanks\@author\and\relax
7266       \else
7267         \@author
7268       \fi
7269     \end{tabular}\par}%
7270   \vskip 1.5em%
7271   {\large
7272     \if@allcaps
7273       \uppercase\expandafter{\@date}%
7274     \else
7275       \@date
7276     \fi\par}%
7277   \end{center}\par
7278   \@thanks
7279   \vfil\null
7280 \end{titlepage}%
7281 \setcounter{footnote}{0}%
7282 \global\let\thanks\relax
7283 \global\let\maketitle\relax
7284 \global\let\@thanks\@empty
7285 \global\let\@author\@empty
7286 \global\let\@title\@empty
7287 \global\let\@date\@empty
7288 \global\let\title\relax
7289 \global\let\author\relax
7290 \global\let\date\relax
7291 \global\let\and\relax
7292 }

```



## 37 File boek-xetex-bidi.def

```

7293 \ProvidesFile{boek-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for boek class for XeTeX]
7294 \renewenvironment{theindex}{%
7295   \if@twocolumn
7296     \@restonecolfalse
7297   \else
7298     \@restonecoltrue
7299   \fi
7300   \columnseprule \z@
7301   \columnsep 35\p@
7302   \twocolumn[\@makeschapterhead{\indexname}]%
7303   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
7304   \thispagestyle{plain}\parindent\z@
7305   \parskip\z@ \@plus .3\p@\relax
7306   \let\item\@idxitem
7307 }{%
7308   \if@restonecol\onecolumn\else\clearpage\fi}
7309 \renewcommand*\head@style{%
7310   \interlinepenalty \@M
7311   \hyphenpenalty=\@M \exhyphenpenalty=\@M
7312   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
7313 \renewcommand*\@regtocline[3]{%
7314   \ifnum #1>\c@tocdepth
7315   \else
7316     \vskip\z@ \@plus .2\p@
7317     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
7318     \if@RTL\rightskip\else\leftskip\fi\unitindent
7319     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
7320     \parfillskip\z@
7321     \@tempdima\unitindent
7322     \parindent\z@
7323     \leavevmode
7324     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
7325     \hskip 1em \nobreak{\slshape #3}\par
7326   }%
7327   \fi}
7328 \if@oldtoc
7329 \renewcommand*\l@part[2]{%
7330   \ifnum \c@tocdepth >-2\relax
7331     \addpenalty{-\@highpenalty}%
7332     \addvspace{2.25em \@plus\p@}%
7333     \begingroup
7334       \setlength\@tempdima{3em}%
7335       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7336       \parfillskip -\@pnumwidth
7337       {\leavevmode
7338        \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
7339       \nobreak
7340       \global\@nobreaktrue
7341       \everypar{\global\@nobreakfalse\everypar{}}%
7342     \endgroup
7343   \fi}
7344 \else

```



```

7345 \renewcommand*\l@part{%
7346 \ifnum \c@tocdepth >-2\relax
7347 \addpenalty{-\@highpenalty}%
7348 \addvspace{2.25em \@plus \p@}%
7349 \@regtocline{0}%
7350 \fi}
7351 \fi
7352 \if@oldtoc
7353 \renewcommand*\l@chapter[2]{%
7354 \addpenalty{-\@highpenalty}%
7355 \vskip 1.0em \@plus\p@
7356 \setlength\@tempdima{1.5em}%
7357 \begingroup
7358 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7359 \parfillskip -\@pnumwidth
7360 \leavevmode \bfseries
7361 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
7362 \hskip -\if@RTL\rightskip\else\leftskip\fi
7363 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
7364 \penalty\@highpenalty
7365 \endgroup}
7366 \else
7367 \renewcommand*\l@chapter{\@regtocline{0}}
7368 \fi
7369 \renewcommand*\left@footnoterule{%
7370 \kern-3\p@
7371 \kern.5\baselineskip
7372 \hrule\@width\unitindent
7373 \kern.4\baselineskip
7374 }
7375 \renewcommand*\right@footnoterule{%
7376 \kern-3\p@
7377 \kern.5\baselineskip
7378 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
7379 \kern.4\baselineskip}
7380 \renewenvironment{abstract}{%
7381 \titlepage
7382 \null\vfil
7383 \section*{\SectFont \abstractname}
7384 \noindent\ignorespaces}
7385 {\par\vfil\null\endtitlepage}
7386 \renewenvironment{thebibliography}[1]
7387 {\chapter*{\bibname}%
7388 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
7389 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
7390 \bidi@thebibliography@font@hook%
7391 \list{\@biblabel{\@arabic\c@enumiv}}%
7392 {\settowidth\labelwidth{\@biblabel{#1}}%
7393 \leftmargin\labelwidth
7394 \advance\leftmargin\labelsep
7395 \@openbib@code
7396 \usecounter{enumiv}%
7397 \let\p@enumiv\@empty
7398 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%

```



```

7399     \sloppy\clubpenalty4000\widowpenalty4000%
7400     \sfcode`.\@m}
7401     {\def\@noitemerr
7402       {\@latex@warning{Empty `thebibliography' environment}}}%
7403     \endlist}
7404 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
7405 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\csubsection}
7406 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\csubsubsection}
7407 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\cparagraph}
7408 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\csubparagraph}
7409 \renewcommand*\theequation{%
7410   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
7411 \renewcommand*\thefigure{%
7412   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
7413 \renewcommand*\thetable{%
7414   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
7415 \renewcommand*\maketitle{%
7416   \begin{titlepage}%
7417     \let\footnotesize\small
7418     \let\right@footnoterule\relax
7419     \let\left@footnoterule\relax
7420     \let\textwidth\footnoterule\relax
7421     \let \footnote \thanks
7422     \long\def\@makefntext##1{\parindent\z@
7423       \def\labelitemi{\textendash}\@revlabeltrue
7424       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
7425     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
7426     \if@compatibility\setcounter{page}{0}\fi
7427     \null\vfil
7428     \vskip 60\p@
7429     \begin{center}%
7430       \TitleFont
7431       {\LARGE \def\\{\penalty -\@M}
7432         \if@allcaps
7433           \expandafter\uc@nothanks\@title\thanks\relax
7434         \else
7435           \@title
7436           \fi\par}%
7437       \vskip 3em%
7438       {\large
7439         \lineskip .75em \parindent\z@
7440         \begin{tabular}[t]{c}%
7441           \if@allcaps
7442             \expandafter\uc@authornothanks\@author\and\relax
7443           \else
7444             \@author
7445           \fi
7446         \end{tabular}\par}%
7447       \vskip 1.5em%
7448       {\large
7449         \if@allcaps
7450           \uppercase\expandafter{\@date}%
7451         \else
7452           \@date

```





```

7453         \fi\par}%
7454     \end{center}\par
7455     \@thanks
7456     \vfil\null
7457 \end{titlepage}%
7458 \setcounter{footnote}{0}%
7459 \global\let\thanks\relax
7460 \global\let\maketitle\relax
7461 \global\let\@thanks\@empty
7462 \global\let\@author\@empty
7463 \global\let\@title\@empty
7464 \global\let\@date\@empty
7465 \global\let\title\relax
7466 \global\let\author\relax
7467 \global\let\date\relax
7468 \global\let\and\relax
7469 }

```

### 38 File `bookest-xetex-bidi.def`

```

7470 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for
7471 \def\@makechapterhead#1{%
7472     \vspace*{20\p@}
7473     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
7474         \ifnum \c@secnumdepth >\m@ne
7475             \if@mainmatter
7476                 {\colorA\huge\scshape \@chapapp\space \thechapter}
7477                 \par\nobreak
7478                 \vskip 10\p@
7479             \fi
7480             \fi
7481             \interlinepenalty\@M
7482             {\colorB\hrule}
7483             \vskip 15\p@
7484             \if@RTL\begin{flushleft}\else\begin{flushright}\fi
7485                 {\colorA\Huge \bfseries #1}\par\nobreak
7486                 \if@RTL\end{flushleft}\else\end{flushright}\fi
7487             \vskip 5\p@
7488             {\colorB\hrule}
7489             \vskip 30\p@
7490         }}
7491 \def\@makeschapterhead#1{%
7492     \vspace*{20\p@}
7493     {\parindent \z@ \raggedright \normalfont
7494         {\colorB\hrule}
7495         \vskip 15\p@
7496         \begin{center}
7497             {\colorA\Huge \bfseries #1}\par\nobreak
7498             \end{center}
7499         \vskip 5\p@
7500         {\colorB\hrule}
7501         \vskip 30\p@
7502     }}

```



## 39 File book-xetex-bidi.def

```

7503 \ProvidesFile{book-xetex-bidi.def}[2017/06/09 v1.0 bidi adaptations for standard book class]
7504 \renewenvironment{theindex}
7505     {\if@twocolumn
7506         \@restonecolfalse
7507     \else
7508         \@restonecoltrue
7509     \fi
7510     \columnseprule \z@
7511     \columnsep 35\p@
7512     \twocolumn[\@makeschapterhead{\indexname}]\%
7513     \@mkboth{\MakeUppercase\indexname}\%
7514             {\MakeUppercase\indexname}\%
7515     \thispagestyle{plain}\parindent\z@
7516     \parskip\z@ \@plus .3\p@\relax
7517     \let\item\@idxitem}
7518     {\if@restonecol\onecolumn\else\clearpage\fi}
7519 \@ifclassloaded{bookest}{-}{-}%
7520 \if@titlepage
7521 \renewcommand\maketitle{\begin{titlepage}%
7522 \let\footnotesize\small
7523 \let\right@footnoterule\relax
7524 \let\left@footnoterule\relax
7525 \let\textwidth\footnoterule\relax
7526 \let \footnote \thanks
7527 \let \LTRfootnote \LTRthanks
7528 \let \RTLfootnote \RTLthanks
7529 \null\vfil
7530 \vskip 60\p@
7531 \begin{center}%
7532     {\LARGE \@title \par}%
7533     \vskip 3em%
7534     {\large
7535         \lineskip .75em%
7536         \begin{tabular}[t]{c}%
7537             \@author
7538         \end{tabular}\par}%
7539     \vskip 1.5em%
7540     {\large \@date \par}%           % Set date in \large size.
7541 \end{center}\par
7542 \@thanks
7543 \vfil\null
7544 \end{titlepage}%
7545 \setcounter{footnote}{0}%
7546 \global\let\thanks\relax
7547 \global\let\LTRthanks\relax
7548 \global\let\RTLthanks\relax
7549 \global\let\maketitle\relax
7550 \global\let\@thanks\@empty
7551 \global\let\@author\@empty
7552 \global\let\@date\@empty
7553 \global\let\@title\@empty
7554 \global\let\title\relax

```



```

7555 \global\let\author\relax
7556 \global\let\date\relax
7557 \global\let\and\relax
7558 }
7559 \else
7560 \renewcommand\maketitle{\par
7561 \begin{group}
7562 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
7563 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
7564 \long\def\@makefntext##1{\parindent 1em\noindent
7565 \hb@xt@1.8em{%
7566 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
7567 \if@twocolumn
7568 \ifnum \col@number=\@one
7569 \maketitle
7570 \else
7571 \twocolumn[\maketitle]%
7572 \fi
7573 \else
7574 \newpage
7575 \global\@topnum\z@ % Prevents figures from going at top of page.
7576 \maketitle
7577 \fi
7578 \thispagestyle{plain}\@thanks
7579 \endgroup
7580 \setcounter{footnote}{0}%
7581 \global\let\thanks\relax
7582 \global\let\LTRthanks\relax
7583 \global\let\RTLthanks\relax
7584 \global\let\maketitle\relax
7585 \global\let\@maketitle\relax
7586 \global\let\@thanks\@empty
7587 \global\let\@author\@empty
7588 \global\let\@date\@empty
7589 \global\let\@title\@empty
7590 \global\let\title\relax
7591 \global\let\author\relax
7592 \global\let\date\relax
7593 \global\let\and\relax
7594 }
7595 \def\@maketitle{%
7596 \newpage
7597 \null
7598 \vskip 2em%
7599 \begin{center}%
7600 \let \footnote \thanks
7601 \let \LTRfootnote \LTRthanks
7602 \let \RTLfootnote \RTLthanks
7603 {\LARGE \@title \par}%
7604 \vskip 1.5em%
7605 {\large
7606 \lineskip .5em%
7607 \begin{tabular}[t]{c}%
7608 \@author

```



```

7609     \end{tabular}\par}%
7610     \vskip 1em%
7611     {\large \@date}%
7612 \end{center}%
7613 \par
7614 \vskip 1.5em}
7615 \fi}
7616 \renewcommand*\l@part[2]{%
7617   \ifnum \c@tocdepth >-2\relax
7618     \addpenalty{-\@highpenalty}%
7619     \addvspace{2.25em \@plus\p@}%
7620     \setlength\@tempdima{3em}%
7621     \begingroup
7622       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7623       \parfillskip -\@pnumwidth
7624       {\leavevmode
7625         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
7626       \nobreak
7627       \global\@nobreaktrue
7628       \everypar{\global\@nobreakfalse\everypar{}}}%
7629     \endgroup
7630   \fi}
7631 \renewcommand*\l@chapter[2]{%
7632   \ifnum \c@tocdepth >\m@ne
7633     \addpenalty{-\@highpenalty}%
7634     \vskip 1.0em \@plus\p@
7635     \setlength\@tempdima{1.5em}%
7636     \begingroup
7637       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7638       \parfillskip -\@pnumwidth
7639       \leavevmode \bfseries
7640       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
7641       \hskip -\if@RTL\rightskip\else\leftskip\fi
7642       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
7643       \penalty\@highpenalty
7644     \endgroup
7645   \fi}
7646 \renewcommand\left@footnoterule{%
7647   \kern-3\p@
7648   \hrule\@width.4\columnwidth
7649   \kern2.6\p@}
7650 \renewcommand\right@footnoterule{%
7651   \kern-3\p@
7652   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
7653   \kern2.6\p@}
7654 \renewcommand\theequation
7655   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
7656 \renewcommand \thefigure
7657   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
7658 \renewcommand \thetable
7659   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
7660 \renewcommand \thechapter {\@arabic\c@chapter}
7661 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
7662 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}

```



```

7663 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
7664 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
7665 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
7666 \def\@makechapterhead#1{%
7667   \vspace*{50\p@}%
7668   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
7669     \ifnum \c@secnumdepth >\m@ne
7670       \if@mainmatter
7671         \huge\bfseries \@chapapp\space \thechapter
7672         \par\nobreak
7673         \vskip 20\p@
7674       \fi
7675       \fi
7676       \interlinepenalty\@M
7677       \Huge \bfseries #1\par\nobreak
7678       \vskip 40\p@
7679   }}
7680 \def\@makeschapterhead#1{%
7681   \vspace*{50\p@}%
7682   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
7683     \normalfont
7684     \interlinepenalty\@M
7685     \Huge \bfseries #1\par\nobreak
7686     \vskip 40\p@
7687   }}
7688 \renewcommand\backmatter{%
7689   \if@openright
7690     \cleardoublepage
7691   \else
7692     \clearpage
7693   \fi
7694   \@mainmatterfalse}
7695 \renewenvironment{thebibliography}[1]
7696   {\chapter*{\bibname}%
7697    \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
7698    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
7699    \bidi@thebibliography@font@hook%
7700    \list{\@biblabel{\@arabic\c@enumiv}}%
7701      {\settowidth\labelwidth{\@biblabel{#1}}%
7702       \leftmargin\labelwidth
7703       \advance\leftmargin\labelsep
7704       \@openbib@code
7705       \usecounter{enumiv}%
7706       \let\p@enumiv\@empty
7707       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
7708   \sloppy
7709   \clubpenalty4000
7710   \@clubpenalty \clubpenalty
7711   \widowpenalty4000%
7712   \sfcode`. \@m}
7713 {\def\@noitemerr
7714   {\@latex@warning{Empty `thebibliography' environment}}}%
7715 \endlist}

```



## 40 File breqn-xetex-bidi.def

```

7716 \ProvidesFile{breqn-xetex-bidi.def}[2016/09/12 v0.2 bidi adaptations for breqn package for X
7717 \def\@dmath[#1]{\if@RTL\@RTLfalse\fi%
7718 \everydisplay\expandafter{\the\everydisplay \display@setup}%
7719 \if@noskipsec \leavevmode \fi
7720 \if@inlabel \leavevmode \global\@inlabelfalse \fi
7721 \if@eq@group\else\eq@prelim\fi
7722 \setkeys{breqn}{#1}%
7723 \the\eqstyle
7724 \eq@setnumber
7725 \begingroup
7726 \eq@setup@a
7727 \eq@startup
7728 }
7729 \def\@dgroup[#1]{\if@RTL\@RTLfalse\fi%
7730 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
7731 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
7732 \global\let\GRP@label\@empty
7733 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
7734 \global\grp@linewidth\z@\global\grp@wdNum\z@
7735 \global\let\grp@eqs@numbered\@False
7736 \global\let\grp@aligned\@True
7737 \global\let\grp@shiftnumber\@False
7738 \eq@prelim
7739 \setkeys{breqn}{#1}%
7740 \if\grp@hasNumber \grp@setnumber \fi
7741 }
7742 \def\@dseries[#1]{\if@RTL\@RTLfalse\fi%
7743 \let\display@setup\dseries@display@setup
7744 % Question: should this be the default for dseries???
7745 \global\eq@wdCond\z@
7746 \@dmath[layout={M},#1]%
7747 \mathsurround\z@\@math \penalty\@Mi
7748 \let\endmath\ends@math
7749 \def\premath{%
7750 \ifdim\lastskip<.3em \unskip
7751 \else\ifnum\lastpenalty<\@M \dquad\fi\fi
7752 }%
7753 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
7754 \ignorespaces
7755 }
7756 \def\eqnumform#1{\if@nonlatin\beginR\@RTLtrue\fi(#1\@italiccorr)\if@nonlatin\endR\fi}
7757 \renewenvironment{dsuspend}{%
7758 \global\setbox\EQ@box\vbox\bgroup\if@nonlatin\@RTLtrue\fi \@parboxrestore
7759 \parshape 1 \displayindent \displaywidth\relax
7760 \hsize=\columnwidth \noindent\ignorespaces
7761 }{%
7762 \par\egroup
7763 \global\setbox\GRP@box\vbox{%
7764 \hbox{\copy\EQ@box\top{\unvbox\EQ@box}}%
7765 \unvbox\GRP@box
7766 }%
7767 \global\GRP@queue\@xp{\the\GRP@queue

```



```

7768 \let\eq@isIntertext\@True}%
7769 }%
7770 }

```

## 41 File cals-xetex-bidi.def

```

7771 \ProvidesFile{cals-xetex-bidi.def}[2016/11/30 v0.4 bidi adaptations for cals package for XeTeX]
7772 \renewcommand\cals@setup@alignment[1]{%
7773 \if c#1\relax \cals@vfillAdd \leftskip \cals@vfillAdd \rightskip \fi
7774 \if l#1\relax \cals@vfillDrop\leftskip \cals@vfillDrop\rightskip \fi
7775 \if r#1\relax \cals@vfillAdd \leftskip \cals@vfillDrop\rightskip \fi
7776 }
7777 \renewcommand\cals@table@alignment{\if@RTLtab r\else l\fi}
7778 \renewenvironment{calstable}[1][\cals@table@alignment]{%
7779 \if@RTLtab\cals@activate@rtl\fi
7780 \let\cals@thead@tokens=\relax
7781 \let\cals@tfoot@tokens=\relax
7782 \let\cals@tbody@tokens=\relax
7783 \cals@tfoot@height=0pt \relax
7784 \let\cals@last@context=n%
7785 \let\cals@current@context=b%
7786 \parindent=0pt \relax%
7787 \cals@setup@alignment{#1}%
7788 \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
7789 %% Alignment inside is independent on center/flushright outside
7790 \parfillskip=0pt plus1fil\relax
7791 \let\cals@borderL=\relax
7792 \let\cals@borderR=\relax
7793 \let\cals@borderT=\relax
7794 \let\cals@borderB=\relax
7795 \setbox\cals@backup@row=\box\voidb@x\relax
7796 \cals@AtBeginTable
7797 }{% End of the table
7798 \cals@tfoot@tokens\lastrule\cals@AtEndTable}
7799 \renewcommand\alignL{%
7800 \if@RTLtab
7801 \cals@vfillAdd\cals@paddingL
7802 \else
7803 \cals@vfillDrop\cals@paddingL
7804 \fi
7805 \cals@vfillDrop\cals@paddingR}
7806 \renewcommand\alignR{%
7807 \if@RTLtab
7808 \cals@vfillDrop\cals@paddingL
7809 \else
7810 \cals@vfillAdd\cals@paddingL
7811 \fi
7812 \cals@vfillDrop\cals@paddingR}

```

## 42 File caption-xetex-bidi.def

```

7813 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package for XeTeX]
7814 \let\makecaption\caption@makecaption

```



## 43 File caption3-xetex-bidi.def

```
7815 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package]
7816 \renewcommand*\caption@par{%
7817   \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%
```

## 44 File colortbl-xetex-bidi.def

```
7818 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package]
7819 \def\CT@setup{%
7820   \@tempdima\col@sep
7821   \@tempdimc\col@sep
7822   \def\CT@color{%
7823     \global\let\CT@do@color\CT@@do@color
7824     \bidicolor}}
7825 \def\@classz{\@classx
7826   \@tempcnta \count@
7827   \prepnext@tok
7828 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
7829   \@addtopreamble{\if@RTLtab\beginL\fi%
7830     \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
7831       \ifcase \@chnum
7832       \hskip\stretch{.5}\kern\z@
7833       \d@llarbegin
7834       \insert@column
7835       \d@llarend\hskip\stretch{.5}\or
7836       \d@llarbegin \insert@column \d@llarend \hfill \or
7837       \hfill\kern\z@ \d@llarbegin \insert@column \d@llarend \or
7838       $\vcenter
7839       \@startpbox{\@nextchar}\insert@column \@endpbox $\or
7840       \vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
7841       \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
7842     \fi
7843   \if@RTLtab\endR\fi\egroup\egroup
7844 \begingroup
7845   \CT@setup
7846   \CT@column@color
7847   \CT@row@color
7848   \CT@cell@color
7849   \CT@do@color
7850 \endgroup
7851   \@tempdima\ht\z@
7852   \advance\@tempdima\minrowclearance
7853   \vrule\@height\@tempdima\@width\z@
7854   \unhbox\z@\if@RTLtab\endL\fi}%
7855 \prepnext@tok}
```

## 45 File color-xetex-bidi.def

```
7856 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for XeLaTeX]
7857 \long\def\color@b@x#1#2#3{%
7858   \leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
7859   \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
7860   \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
```





```

7861 \dimen@dp\z@advance\dimen@fboxsep\dp\z@dimen@
7862 {#1{#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}%
7863     \box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
7864 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
7865 \DeclareRobustCommand\color{%
7866     \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\ifnextchar[\@undeclaredcolor\@declaredcolor]{%
7867     \def\@declaredcolor#1{%
7868         \ifundefined{\string\color @#1}%
7869         {\c@lor@error{`#1'}}%
7870         {\expandafter\let\expandafter\current@color
7871             \csname\string\color @#1\endcsname
7872             \set@color}%
7873         \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
7874 \def\@undeclaredcolor[#1]#2{%
7875     \ifundefined{color@#1}%
7876     {\c@lor@error{model `#1'}}%
7877     {\csname color@#1\endcsname\current@color{#2}%
7878     \set@color}%
7879     \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
7880 \DeclareRobustCommand\bidicolor{%
7881     \ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor]{%
7882     \def\@bidiundeclaredcolor[#1]#2{%
7883         \ifundefined{color@#1}%
7884         {\c@lor@error{model `#1'}}%
7885         {\csname color@#1\endcsname\current@color{#2}%
7886         \set@color}%
7887         \ignorespaces}
7888     \def\@bidideclaredcolor#1{%
7889         \ifundefined{\string\color @#1}%
7890         {\c@lor@error{`#1'}}%
7891         {\expandafter\let\expandafter\current@color
7892             \csname\string\color @#1\endcsname
7893             \set@color}%
7894         \ignorespaces}
7895     \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
7896     \def\color@fbox#1#2#3{%
7897         \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}}
7898     \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

## 46 File combine-xetex-bidi.def

```

7899 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for
7900 \renewcommand{\c@ll@chapsecii}[2]{%
7901     \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
7902     \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
7903     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
7904 }
7905 \renewcommand{\c@ll@chapseci}{%
7906     \setlength\@tempdima{0em}%
7907     \begingroup
7908         \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
7909         \parfillskip -\@pnumwidth
7910         \leavevmode
7911 }

```



```

7912 \renewenvironment{tocindent}[1]{%
7913   \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{}

```

## 47 File crop-xetex-bidi.def

```

7914 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeTeX]
7915 \renewcommand*\CROP@ulc{%
7916   \if@RTLmain%
7917     \begin{picture}(0,0)
7918       \unitlength\p@\thinline
7919       \put(-40,0){\circle{10}}
7920       \put(-30,-5){\line(0,1){10}}
7921       \put(-35,0){\line(1,0){30}}
7922       \put(-10,30){\circle{10}}
7923       \put(-5,30){\line(1,0){10}}
7924       \put(0,35){\line(0,-1){30}}
7925     \end{picture}%
7926   \else%
7927     \begin{picture}(0,0)
7928       \unitlength\p@\thinline
7929       \put(-30,0){\circle{10}}
7930       \put(-30,-5){\line(0,1){10}}
7931       \put(-35,0){\line(1,0){30}}
7932       \put(0,30){\circle{10}}
7933       \put(-5,30){\line(1,0){10}}
7934       \put(0,35){\line(0,-1){30}}
7935     \end{picture}%
7936   \fi%
7937 }
7938 \renewcommand*\CROP@urc{%
7939   \if@RTLmain%
7940     \begin{picture}(0,0)
7941       \unitlength\p@\thinline
7942       \put(20,0){\circle{10}}
7943       \put(30,-5){\line(0,1){10}}
7944       \put(35,0){\line(-1,0){30}}
7945       \put(-10,30){\circle{10}}
7946       \put(-5,30){\line(1,0){10}}
7947       \put(0,35){\line(0,-1){30}}
7948     \end{picture}%
7949   \else%
7950     \begin{picture}(0,0)
7951       \unitlength\p@\thinline
7952       \put(30,0){\circle{10}}
7953       \put(30,-5){\line(0,1){10}}
7954       \put(35,0){\line(-1,0){30}}
7955       \put(0,30){\circle{10}}
7956       \put(-5,30){\line(1,0){10}}
7957       \put(0,35){\line(0,-1){30}}
7958     \end{picture}%
7959   \fi%
7960 }
7961 \renewcommand*\CROP@llc{%
7962   \if@RTLmain%

```



```

7963     \begin{picture}(0,0)
7964         \unitlength\p@\thinlines
7965         \put(-40,0){\circle{10}}
7966         \put(-30,-5){\line(0,1){10}}
7967         \put(-35,0){\line(1,0){30}}
7968         \put(-10,-30){\circle{10}}
7969         \put(-5,-30){\line(1,0){10}}
7970         \put(0,-35){\line(0,1){30}}
7971     \end{picture}%
7972 \else%
7973     \begin{picture}(0,0)
7974         \unitlength\p@\thinlines
7975         \put(-30,0){\circle{10}}
7976         \put(-30,-5){\line(0,1){10}}
7977         \put(-35,0){\line(1,0){30}}
7978         \put(0,-30){\circle{10}}
7979         \put(-5,-30){\line(1,0){10}}
7980         \put(0,-35){\line(0,1){30}}
7981     \end{picture}%
7982 \fi%
7983 }
7984 \renewcommand*\CROP@lrc{%
7985     \if@RTLmain%
7986         \begin{picture}(0,0)
7987             \unitlength\p@\thinlines
7988             \put(20,0){\circle{10}}
7989             \put(30,-5){\line(0,1){10}}
7990             \put(35,0){\line(-1,0){30}}
7991             \put(-10,-30){\circle{10}}
7992             \put(-5,-30){\line(1,0){10}}
7993             \put(0,-35){\line(0,1){30}}
7994         \end{picture}%
7995     \else%
7996         \begin{picture}(0,0)
7997             \unitlength\p@\thinlines
7998             \put(30,0){\circle{10}}
7999             \put(30,-5){\line(0,1){10}}
8000             \put(35,0){\line(-1,0){30}}
8001             \put(0,-30){\circle{10}}
8002             \put(-5,-30){\line(1,0){10}}
8003             \put(0,-35){\line(0,1){30}}
8004         \end{picture}%
8005     \fi%
8006 }
8007 \ifpackagewith{crop}{cam}{%
8008 \CROP@execopt{cam}%
8009 }{}

```

## 48 File cutwin-xetex-bidi.def

```

8010 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for
8011 \renewcommand*\c@twcompctr[2]{%
8012     \def\c@twfirst{1}
8013     \loop\advance\c@twwinlines\m@ne

```



```

8014 \setbox\c@twslicea=\vsplit#1 to\baselineskip
8015 \setbox\c@twsliceb=\vsplit#1 to\baselineskip
8016 \c@twprune{\c@twslicea}{\c@twlftside}%
8017 \c@twprune{\c@twsliceb}{\c@twrtside}%
8018 \ifnum\c@twfirst=\@ne
8019   \setbox#2=\vbox{\unvbox#2\hbox
8020     to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@tw
8021 \else
8022   \setbox#2=\vbox{\unvbox#2\hbox
8023     to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box\c@tw
8024 \fi
8025 \def\c@twfirst{2}
8026 \ifnum\c@twinlines>\z@\repeat{
8027 \renewcommand*\c@twcompoddctr}[2]{%
8028 \def\c@twrounds{1}
8029 \def\c@twfirst{1}
8030 \@for\c@twlspec:=\c@twb\do{%
8031   \ifnum\c@twrounds=1
8032     \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
8033     \c@twprune{\c@twslicea}{\c@twlspec}%
8034     \def\c@twrounds{2}
8035   \else
8036     \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
8037     \c@twprune{\c@twsliceb}{\c@twlspec}%
8038     \ifnum\c@twfirst=1
8039       \setbox#2=\vbox{\unvbox#2\hbox
8040         to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\picinwindow\hfil\if@RTL\box\c@tw
8041       \def\c@twfirst{2}
8042     \else
8043       \setbox#2=\vbox{\unvbox#2\hbox
8044         to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box\c@tw
8045     \fi
8046     \def\c@twrounds{1}
8047   \fi}}

```

## 49 File cuted-xetex-bidi.def

```

8048 \ProvidesFile{cuted-xetex-bidi.def}[2022/02/18 v0.7 bidi adaptations for cuted package for Xe
8049
8050 \def\RTL@outputdblcol{%
8051   \if@firstcolumn
8052     \global\@firstcolumnfalse
8053     \global\setbox\@leftcolumn\copy\@outputbox
8054     \splitmaxdepth\maxdimen
8055     \vbadness\maxdimen
8056     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
8057     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
8058     \toks@\expandafter{\topmark}%
8059     \xdef\@firstcoltopmark{\the\toks@}%
8060     \toks@\expandafter{\splitfirstmark}%
8061     \xdef\@firstcolfirstmark{\the\toks@}%
8062     \ifx\@firstcolfirstmark\@empty
8063       \global\let\@setmarks\relax
8064     \else

```



```

8065     \gdef\@setmarks{%
8066         \let\firstmark\@firstcolfirstmark
8067         \let\topmark\@firstcoltopmark}%
8068     \fi
8069 \else
8070     \global\@firstcolumntrue
8071     \setbox\@outputbox\vbox{%
8072         \hb@xt@\textwidth{%
8073             \hskip \columnwidth
8074             \hfil
8075             {\normalcolor\vrule \@width\columnseprule}%
8076             \hfil
8077             \hb@xt@\columnwidth{%
8078                 \bidi@firstcolumn@status@write%
8079                 \box\@leftcolumn \hss}%
8080             \hskip -\textwidth
8081             \hb@xt@\columnwidth{%
8082                 \bidi@lastcolumn@status@write%
8083                 \box\@outputbox \hss}%
8084             \hskip \columnsep
8085             \hskip \columnwidth }}%
8086     \ifvoid\hold@viper
8087     \else
8088         \setbox\@outputbox \vbox to\textheight{%
8089             \box\hold@viper
8090             \box\@outputbox
8091             \vss
8092             }%
8093     \fi
8094 \@combinedblfloats
8095 \@setmarks
8096 \@outputpage
8097 \begingroup
8098 \@dblfloatplacement
8099 \@startdblcolumn
8100 \@whiles\if@fcolmade \fi{\@outputpage
8101 \@startdblcolumn}%
8102 \ifvoid\@viper
8103 \else
8104     \global\setbox\@viper\vbox{%
8105         \vskip-\stripsep
8106         \unvbox\@viper
8107         }%
8108     \@viperoutput
8109 \fi
8110 \endgroup
8111 \fi}%
8112
8113 \def\LTR@outputdblcol{%
8114     \if@firstcolumn
8115         \global\@firstcolumnfalse
8116         \global\setbox\@leftcolumn\copy\@outputbox
8117         \splitmaxdepth\maxdimen
8118         \vbadness\maxdimen

```



```

8119 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
8120 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
8121 \toks@\expandafter{\topmark}%
8122 \xdef\@firstcoltopmark{\the\toks@}%
8123 \toks@\expandafter{\splitfirstmark}%
8124 \xdef\@firstcolfirstmark{\the\toks@}%
8125 \ifx\@firstcolfirstmark\@empty
8126 \global\let\@setmarks\relax
8127 \else
8128 \gdef\@setmarks{%
8129 \let\firstmark\@firstcolfirstmark
8130 \let\topmark\@firstcoltopmark}%
8131 \fi
8132 \else
8133 \global\@firstcolumntrue
8134 \setbox\@outputbox\vbox{%
8135 \hb@xt@\textwidth{%
8136 \hb@xt@\columnwidth{%
8137 \bidi@firstcolumn@status@write%
8138 \box\@leftcolumn \hss}%
8139 \hfil
8140 {\normalcolor\vrule \@width\columnseprule}%
8141 \hfil
8142 \hb@xt@\columnwidth{%
8143 \bidi@lastcolumn@status@write%
8144 \box\@outputbox \hss}}}%
8145 \ifvoid\hold@viper
8146 \else
8147 \setbox\@outputbox \vbox to\textheight{%
8148 \box\hold@viper
8149 \box\@outputbox
8150 \vss
8151 }%
8152 \fi
8153 \@combinedblfloats
8154 \@setmarks
8155 \@outputpage
8156 \beginngroup
8157 \@dblfloatplacement
8158 \@startdblcolumn
8159 \@whilesw\if@fcolmade \fi{\@outputpage
8160 \@startdblcolumn}%
8161 \ifvoid\@viper
8162 \else
8163 \global\setbox\@viper\vbox{%
8164 \vskip-\stripsep
8165 \unvbox\@viper
8166 }%
8167 \@viperoutput
8168 \fi
8169 \endgroup
8170 \fi}%
8171
8172 \def\@addviper{%

```



```

8173 \insertfalse
8174 \def\var@@thecol@num{2}%
8175 \if@firstcolumn
8176 \def\var@@thecol@num{1}%
8177 \@reqcolroom=.5\@pageht
8178 \ht@viper=\@reqcolroom
8179 \advance\@reqcolroom by\ht\@viper
8180 \advance\@reqcolroom by\stripsep
8181 \else
8182 \@reqcolroom=\@colht
8183 \advance\@reqcolroom by\@pageht
8184 \ht@viper.5\@reqcolroom
8185 \@reqcolroom=\ht@viper
8186 \advance\@reqcolroom by\ht\@viper
8187 \advance\@reqcolroom by\stripsep
8188 \global\setbox\@holdpg\vbox{%
8189 \setbox\cuted@@tempbox@a\vbox{%
8190 \aftergroup\unvbox
8191 \unvcopy\@leftcolumn
8192 \unskip\unkern\unpenalty
8193 \setbox\@tempbox@a\lastbox
8194 \ifdim\dimexpr\ht\@tempbox+a\wd\@tempbox+a\dp\@tempbox>\z@
8195 %% keeps lastbox
8196 \aftergroup\@leftcolumn
8197 \else
8198 %% removes lastbox
8199 \aftergroup\cuted@@tempbox@a
8200 \fi
8201 }%
8202 \unskip\unkern\unpenalty
8203 \on@stripcols@break
8204 \the\At@ViperColsBreak
8205 \unvbox\@holdpg
8206 }%
8207 \global\At@ViperColsBreak{}%
8208 \ht@viper=.5\ht\@holdpg
8209 \ifdim\ht@viper>\@colht
8210 \ht@viper=\@colht
8211 \fi
8212 \fi
8213 %%
8214 %% calculations for breaking
8215 %%
8216 \ifvoid\hold@viper
8217 \ht@hold@viper=\z@
8218 \else
8219 \ht@hold@viper=\ht\hold@viper
8220 \fi
8221 \cuted@@tempdim@b\ht@viper
8222 \set@split@topskip@to\topskip
8223 \loop
8224 \xdef\saved@tempdimb{\the\cuted@@tempdim@b}%
8225 \setbox\cuted@@varbox@a\copy\@holdpg
8226 \setbox\cuted@@tempbox@a\vsplit\cuted@@varbox@a to\cuted@@tempdim@b

```



```

8227      %% set leftcolumn boxes
8228      \setbox\cuted@@tempbox@c\vbox{\unvbox\cuted@@tempbox@a}%
8229      \setbox\cuted@@tempbox@a\vbox to\cuted@@tempdim@b{\unvcopy\cuted@@tempbox@c}%
8230      \xdef\var@@leftcolumn@badness{\the\badness}%
8231      %% set rightcolumn boxes
8232      \setbox\cuted@@varbox@c\vbox{\unvbox\cuted@@varbox@a}%
8233      \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@b{\unvcopy\cuted@@varbox@c}%
8234      \xdef\var@@rightcolumn@badness{\the\badness}%
8235      %% analyzing split goodness
8236      \cuted@@tempdim@spread=\ht\cuted@@tempbox@c
8237      \advance\cuted@@tempdim@spread by\dp\cuted@@tempbox@c
8238      \advance\cuted@@tempdim@spread by-\ht\cuted@@varbox@c
8239      \advance\cuted@@tempdim@spread by-\dp\cuted@@varbox@c
8240      \cuted@@wlog@debug{CUTED [-----]}%
8241      ^^JLeft: \the\ht\cuted@@tempbox@c
8242      +\the\dp\cuted@@tempbox@c\space/\var@@leftcolumn@badness
8243      ^^JRight: \the\ht\cuted@@varbox@c
8244      +\the\dp\cuted@@varbox@c\space/\var@@rightcolumn@badness
8245      ^^JSplit: \the\cuted@@tempdim@b
8246      ^^JExtra height: \the\cuted@@tempdim@spread
8247      }%
8248      \ifnum\var@@leftcolumn@badness<\cuted@@column@badness
8249      \ifnum\var@@rightcolumn@badness<\cuted@@column@badness
8250      \cuted@@tempdim@spread=\z@
8251      \fi
8252      \fi
8253      \ifdim\cuted@@tempdim@spread<\z@
8254      \if@left@column@spread
8255      \if@right@column@shrink
8256      \ifdim\dimexpr\cuted@@tempdim@spread+\pageshrink>\z@
8257      \cuted@@tempdim@a=\dimexpr\ht\cuted@@tempbox@c-0.5\cuted@@tempdim@spread
8258      \else
8259      \cuted@@tempdim@a=-\dimexpr\cuted@@tempdim@spread+.5\pageshrink\relax
8260      \fi
8261      \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@a{\unvcopy\cuted@@tempbox@c}
8262      \ifnum\badness<\cuted@@column@badness
8263      \cuted@@tempdim@b=\cuted@@tempdim@a
8264      \cuted@@tempdim@spread=\z@
8265      \fi
8266      \cuted@@wlog@debug{CUTED [leftcolumn badness]: \number\badness\space on }
8267      \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@a{\unvcopy\cuted@@varbox@c}
8268      \cuted@@wlog@debug{CUTED [rightcolumn badness]: \number\badness\space on }
8269      \else
8270      \setbox\cuted@@varbox@a\vbox to\ht\cuted@@varbox@c{%
8271      \unvcopy\cuted@@tempbox@c
8272      }%
8273      \ifnum\badness<\cuted@@column@badness
8274      \cuted@@tempdim@b=\ht\cuted@@varbox@c
8275      \cuted@@tempdim@spread=\z@
8276      \fi
8277      \cuted@@wlog@debug{CUTED [leftcolumn badness]: \number\badness on \the\ht\cuted@@varbox@c}
8278      \setbox\cuted@@varbox@a\vbox to\ht\cuted@@varbox@c{%
8279      \unvcopy\cuted@@varbox@c
8280      }%

```





```

8281         \cuted@@wlog@debug{CUTED [rightcolumn badness]: \number\badness on \the\
8282         \fi
8283     \else
8284         \if@right@column@shrink
8285             \ifdim\dimexpr\cuted@@tempdim@spread+\pageshrink<\z@
8286             \else
8287                 \cuted@@tempdim@b=\ht\cuted@@tempbox@c
8288                 \cuted@@tempdim@spread=\z@
8289             \fi
8290         \fi
8291     \fi
8292 \else
8293     \ifdim\cuted@@tempdim@spread>\z@
8294         \ifdim\dimexpr\@tempdimb+p@\relax>\@colht
8295             \cuted@@tempdim@b=\@colht
8296             \cuted@@tempdim@spread=\z@
8297         \fi
8298     \fi
8299 \fi
8300 \ifdim\cuted@@tempdim@spread<\z@
8301     \advance\cuted@@tempdim@b 1p@
8302 \repeat
8303 \wlog{CUTED [- LAST -]%
8304     ^^JExtra skip:\the\cuted@@tempdim@spread
8305     ^^JLeft:\the\ht\cuted@@tempbox@c/\the\dp\cuted@@tempbox@c
8306     ^^JRight:\the\ht\cuted@@varbox@c/\the\dp\cuted@@varbox@c
8307     ^^JSplit:\saved@tempdimb
8308     ^^JOutput:\the\cuted@@tempdim@b
8309     ^^JPageshrink:\the\pageshrink
8310     ^^JPagestretch:\the\pagestretch
8311     ^^J@colht:\the\@colht
8312 }%
8313 %%
8314 %% final construction of the cuted page above strip
8315 %%
8316 \setbox\cuted@@tempbox@c\vsplit\@holdpg to\saved@tempdimb
8317 \setbox\cuted@@tempbox@a\vbox to\cuted@@tempdim@b{%
8318     \cuted@@tempdim@a=\dimexpr
8319     \cuted@@tempdim@b-\ht\cuted@@tempbox@c
8320     \relax
8321     \cuted@@tempdim@spread=\dp\cuted@@tempbox@c
8322     \unvbox\cuted@@tempbox@c
8323     \ifdim\cuted@@tempdim@spread>\dp\strutbox
8324     \else
8325         \vskip-\cuted@@tempdim@spread
8326     \fi
8327     \prevdepth\z@
8328     \hrule\@height\cuted@@page@rule width\textwidth
8329     \vskip-\cuted@@page@rule
8330     \ifdim\cuted@@tempdim@a>\z@
8331         \if@left@column@spread
8332         \else
8333             \vss
8334         \fi

```



```

8335         \else
8336             \ifdim\cuted@@tempdim@a<\z@
8337                 \if@left@column@shrink
8338                     \else
8339                         \vss
8340                     \fi
8341                 \fi
8342             \fi
8343         }%
8344     \wlog{CUTED [output]: \the\cuted@@tempdim@b
8345     ^^JCUTED [leftcolumn badness]: \number\badness
8346     }%
8347     \setbox\cuted@@varbox@a\vbox to\cuted@@tempdim@b{%
8348         \cuted@@tempdim@a=\dimexpr
8349             \cuted@@tempdim@b-\ht\@holdpg
8350         \relax
8351     \unvbox\@holdpg
8352     \ifdim\cuted@@tempdim@a>\z@
8353         \if@right@column@spread
8354             \else
8355                 \vss
8356             \fi
8357         \else
8358             \ifdim\cuted@@tempdim@a<\z@
8359                 \if@right@column@shrink
8360                     \else
8361                         \vss
8362                     \fi
8363                 \fi
8364             \fi
8365         }%
8366     \wlog{CUTED [rightcolumn badness]: \number\badness}%
8367     \setbox\cuted@@tempbox@var\vbox{%
8368         \hb@xt@\textwidth{%
8369             \if@RTLmain
8370                 \hskip \columnwidth
8371                 \hfil
8372                 {\normalcolor\vrule \@width\columnseprule}%
8373                 \hfil
8374                 \hb@xt@\columnwidth{%
8375                     \vbox to\ht@viper{\box\cuted@@tempbox@a\vss}%
8376                     \hss
8377                 }%
8378                 \hskip -\textwidth
8379                 \hb@xt@\columnwidth{%
8380                     \vbox to\ht@viper{\box\cuted@@varbox@a\vss}%
8381                     \hss
8382                 }%
8383                 \hskip \columnsep
8384                 \hskip \columnwidth
8385             \else
8386                 \hb@xt@\columnwidth{%
8387                     \vbox to\ht@viper{\box\cuted@@tempbox@a\vss}%
8388                     \hss

```



```

8389         }%
8390         \hfil
8391         {\normalcolor\vrule \@width\columnseprule}%
8392         \hfil
8393         \hb@xt@\columnwidth{%
8394             \vbox to\ht@viper{\box\cuted@@varbox@a\vss}%
8395             \hss
8396         }%
8397     \fi
8398 }%
8399 }%
8400 %%
8401 %% finalize cuted page
8402 %%
8403 \ifvoid\hold@viper
8404     \global\setbox\hold@viper\vbox{%
8405         \unvbox\cuted@@tempbox@var
8406         \penalty\interlinepenalty
8407         \vskip\stripsep
8408         \the\preCutedStrip
8409         \ifnum\outputpenalty<-\@Mii
8410             \vskip -\parskip
8411         \fi
8412         \outputpenalty\z@
8413     }%
8414 \else
8415     \global\setbox\hold@viper\vbox{%
8416         \unvbox\hold@viper
8417         \cuted@@tempbox@var
8418         \penalty\interlinepenalty
8419         \vskip\stripsep
8420         \the\preCutedStrip
8421         \ifnum\outputpenalty<-\@Mii
8422             \vskip -\parskip
8423         \fi
8424         \outputpenalty\z@
8425     }%
8426 \fi
8427 \ifdim\@colht>\@reqcolroom
8428     \global\setbox\hold@viper\vbox{%
8429         \unvbox\hold@viper
8430         \box\@viper
8431         \penalty\interlinepenalty
8432         \the\postCutedStrip
8433         \vskip\stripsep
8434         \ifnum\outputpenalty<-\@Mii
8435             \vskip -\parskip
8436         \fi
8437         \outputpenalty\z@
8438     }%
8439     \@inserttrue
8440     \global\@firstcolumntrue
8441     \advance\ht@hold@viper by-\ht\hold@viper
8442     \global\advance\@colht by\ht@hold@viper

```



```

8443 \ifdim\@colht<2.5\baselineskip
8444 \latex@warning@no@line {Optional argument of \noexpand\twocolumn
8445 too tall on page \thepage (\var@thecol@num column)}}%
8446 \emptycol
8447 \if@firstcolumn
8448 \else
8449 \emptycol
8450 \fi
8451 \global\@lastvipertrue
8452 \else
8453 \global\vsizel\@colht
8454 \global\@colroom\@colht
8455 \check@floats\cuted@tempdim@a
8456 \ifdim\cuted@tempdim@a>\z@
8457 \global\advance\@colroom by-\cuted@tempdim@a
8458 \fi
8459 \ifdim\@colroom<\z@
8460 \global\@colroom1\p@
8461 \ifdim\cuted@tempdim@a>\@colht
8462 \latex@warning@no@line{TOP and/or BOT FLOAT's
8463 to large on \thepage (\var@thecol@num column)}}%
8464 \fi
8465 \emptycol
8466 \if@firstcolumn
8467 \else
8468 \emptycol
8469 \fi
8470 \global\@lastvipertrue
8471 \fi
8472 \fi
8473 \fi
8474 \if@insert
8475 \else
8476 \advance\ht@hold@viper by-\ht@hold@viper
8477 \global\advance\@colht by\ht@hold@viper
8478 \global\setbox\hold@viper\ vbox{%
8479 \unvbox\hold@viper
8480 \set@split@topskip@to{\z@ plus2\p@}%
8481 \vsplit\@viper to\@colht
8482 \vss
8483 }%
8484 \vbox{}%
8485 \global\@firstcolumnfalse
8486 \newpage
8487 \fi
8488 }

```

## 50 File cvthemebidicasual.sty

```

8489 \NeedsTeXFormat{LaTeX2e}
8490 \ProvidesPackage{cvthemebidicasual}
8491 \DeclareOption{blue}{}
8492 \newif\if@colourorange\@colourorangefalse
8493 \DeclareOption{orange}{\@colourorangetrue}

```



```

8494 \newif\if@colourgreen\@colourgreenfalse
8495 \DeclareOption{green}{\@colourgreentruer}
8496 \newif\if@coloured\@colouredfalse
8497 \DeclareOption{red}{\@colouredtrue}
8498 \newif\if@colourgrey\@colourgreyfalse
8499 \DeclareOption{grey}{\@colourgreytrue}
8500 \DeclareOption*{
8501   \PackageWarning{cvthemebidicasual}{Unknown option '\CurrentOption'}}
8502 \ExecuteOptions{colour}
8503 \ProcessOptions\relax
8504 \renewcommand*{\listitemsymbol}{\textbullet}
8505 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
8506 \familynamecolour{808080}
8507 \firstnamecolour{A9A9A9}
8508 \quotecolour{696969}
8509 \addresscolour{696969}
8510 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
8511 \sectiontitlecolour{1E90FF}
8512 \subsectioncolour{4682B4}
8513 \definecolor{rulecolour}{gray}{0.6}
8514 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
8515 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
8516 \if@colourorange
8517   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
8518   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
8519   \sectiontitlecolour{FF8C00}
8520   \subsectioncolour{FF8C00}
8521   \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
8522   \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
8523 \if@colourgreen
8524   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
8525   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
8526   \sectiontitlecolour{008000}
8527   \subsectioncolour{008000}
8528   \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
8529   \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
8530 \if@coloured
8531   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
8532   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
8533   \sectiontitlecolour{FF0000}
8534   \subsectioncolour{FF0000}
8535   \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
8536   \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
8537 \if@colourgrey
8538   \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
8539   \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
8540   \sectiontitlecolour{808080}
8541   \subsectioncolour{808080}
8542   \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}
8543   \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
8544 \renewcommand*{\ttdefault}{pcr}
8545 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
8546 \renewcommand*{\familynamefont}{\firstnamefont}
8547 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}

```



```

8548 \renewcommand*{\quotefont}{\large\slshape}
8549 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
8550 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
8551 \renewcommand*{\maketitle}{%
8552   {%
8553     \ifthenelse{\isundefined{\@photo}}{%
8554       {}%
8555       {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}%
8556     \hfill%
8557     \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\[-.35em]}%
8558     {\color{firstnamecolor}\rule{\textwidth}{.25ex}\[2.5em]}%
8559   \ifthenelse{\isundefined{\@quote}}{%
8560     {}%
8561     {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}}%
8562   }%
8563 \newif\if@firstfooterelement\@firstfooterelementtrue
8564 \providecommand*{\footersymbol}{}
8565 \renewcommand*{\footersymbol}{%
8566   \if@firstfooterelement%
8567   \else%
8568     { ~\color{footersymbolcolor}\textbullet~~}\fi}
8569 \providecommand*{\makefooter}{}
8570 \renewcommand*{\makefooter}{%
8571   \fancypagestyle{plain}{%
8572     \fancyfoot[c]{%
8573       \parbox{0.8\textwidth}{%
8574         \centering%
8575         \addressfont\@addresscolour%
8576         \ifthenelse{\isundefined{\@address}}{}{%
8577           \addresssymbol~\@address\\%
8578           \@firstfooterelementfalse}%
8579         \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
8580         \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelementfalse}%
8581         \ifthenelse{\isundefined{\@fax}}{}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfalse}%
8582         \ifthenelse{\isundefined{\@email}}{}{\footersymbol\emailsymbol~\emaillink{\@email}\@firstfooterelementfalse}%
8583         \ifthenelse{\isundefined{\@extrainfo}}{}{\footersymbol\@extrainfo\@firstfooterelementfalse}%
8584       }%
8585     \pagestyle{plain}}
8586 \AtBeginDocument{\makefooter}

```

## 51 File cvthemebidiclassic.sty

```

8587 \NeedsTeXFormat{LaTeX2e}
8588 \ProvidesPackage{cvthemebidiclassic}
8589 \DeclareOption{blue}{}
8590 \newif\if@colourorange\@colourorangefalse
8591 \DeclareOption{orange}{\@colourorangetrue}
8592 \newif\if@colourgreen\@colourgreenfalse
8593 \DeclareOption{green}{\@colourgreentrue}
8594 \newif\if@colourred\@colourredfalse
8595 \DeclareOption{red}{\@colourredtrue}
8596 \newif\if@colourgrey\@colourgreyfalse
8597 \DeclareOption{grey}{\@colourgreytrue}
8598 \DeclareOption*{

```



```

8599 \PackageWarning{cvthemebidicclassic}{Unknown option '\CurrentOption'}}
8600 \ExecuteOptions{colour}
8601 \ProcessOptions\relax
8602 \renewcommand*{\listitemsymbol}{\textbullet}
8603 \firstnamecolour{}
8604 \familynamecolour{}
8605 \titlecolour{808080}
8606 \quotecolour{696969}
8607 \addresscolour{696969}
8608 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
8609 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
8610 \sectiontitlecolour{1E90FF}
8611 \subsectioncolour{4682B4}
8612 \if@colourorange
8613 \addresscolour{FF8C00}
8614 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
8615 \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
8616 \sectiontitlecolour{FF8C00}
8617 \subsectioncolour{FF8C00}\fi
8618 \if@colourgreen
8619 \addresscolour{008000}
8620 \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
8621 \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
8622 \sectiontitlecolour{008000}
8623 \subsectioncolour{008000}\fi
8624 \if@colourred
8625 \addresscolour{FF0000}
8626 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
8627 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
8628 \sectiontitlecolour{FF0000}
8629 \subsectioncolour{FF0000}\fi
8630 \if@colourgrey
8631 \addresscolour{808080}
8632 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
8633 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
8634 \sectiontitlecolour{808080}
8635 \subsectioncolour{808080}\fi
8636 \renewcommand*{\ttdefault}{pcr}
8637 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
8638 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
8639 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
8640 \renewcommand*{\familynamefont}{\firstnamefont}
8641 \renewcommand*{\quoteont}{\large\slshape}
8642 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
8643 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
8644 \newlength{\maketitlenamemaxwidth}
8645 \setlength{\maketitlenamemaxwidth}{.525\textwidth}
8646 \newlength{\maketitlenamefullwidth}
8647 \settoheight{\maketitlenamefullwidth}{\firstnamestyle{\@firstname~}\familynamestyle{\@familyname}}
8648 \newlength{\maketitlenamewidth}
8649 \ifnum\maketitlenamemaxwidth<\maketitlenamefullwidth\setlength{\maketitlenamewidth}{\maketitlenamemaxwidth}\fi
8650 \newlength{\maketitlepicturewidth}
8651 \setlength{\maketitlepicturewidth}{\@photowidth}
8652 \newlength{\maketitledetailwidth}

```



```

8653 \renewcommand*{\recomputethemelengths}{%
8654   \setlength{\maketitledetailswidth}{\textwidth}%
8655   \addtolength{\maketitledetailswidth}{-\maketitlenamewidth}%
8656   \addtolength{\maketitledetailswidth}{-\separatorcolumnwidth}%
8657   \addtolength{\maketitledetailswidth}{-\maketitlepicturewidth}}
8658 \recomputethemelengths
8659 \newif\if@firstdetailselement\@firstdetailselementtrue
8660 \newcommand*{\maketitledetailsnewline}{
8661   \if@firstdetailselement%
8662     \@firstdetailselementfalse%
8663   \else%
8664     \[.2em]\fi
8665 \renewcommand*{\maketitle}{%
8666   % name and title
8667   \begin{minipage}[b]{\maketitlenamewidth}%
8668     \firstnamestyle{\@firstname~}\familynamestyle{\@familyname}%
8669     \ifthenelse{\equal{\@title}{}}{\}\[1.25em]\titlestyle{\@title}}%
8670   \end{minipage}%
8671   % optional data
8672   \begin{minipage}[b]{\maketitledetailswidth}%
8673     \bidi@raggedleft\addressfont\addresscolour%
8674     \ifthenelse{\isundefined{\@address}}{\}%
8675     \maketitledetailsnewline%
8676     \addresssymbol~\@address}%
8677     \ifthenelse{\isundefined{\@mobile}}{\}\maketitledetailsnewline\mobilesymbol~\@mobile}%
8678     \ifthenelse{\isundefined{\@phone}}{\}\maketitledetailsnewline\phonesymbol~\@phone}%
8679     \ifthenelse{\isundefined{\@fax}}{\}\maketitledetailsnewline\faxsymbol~\@fax}%
8680     \ifthenelse{\isundefined{\@email}}{\}\maketitledetailsnewline\emailsymbol~\emailink{\@email}}%
8681     \ifthenelse{\isundefined{\@extrainfo}}{\}\maketitledetailsnewline\@extrainfo}%
8682   \end{minipage}%
8683   % optional photo
8684   \ifthenelse{\isundefined{\@photo}}{\}%
8685   {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\@photo]{\@photo}}}%
8686   % optional quote
8687   \ifthenelse{\isundefined{\@quote}}{\}%
8688   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\@quote}%
8689   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\@quote}%
8690   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\@quote}%
8691 }

```

## 52 File dblfnote-xetex-bidi.def

```

8692 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package]
8693 \let\autofootnoterule\relax
8694 \let\rightfootnoterule\relax
8695 \let\leftfootnoterule\relax
8696 \let\textwidthfootnoterule\relax
8697 \let\LRfootnoterule\relax
8698 \def\footnoterule{\kern-3\p@
8699   \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
8700 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext
8701 \let\@footnotetext\dfn@footnotetext}
8702 \long\def\dfn@LTRfootnotetext#1{\setbox\dfn@boxa\vbox{
8703   \let\insert\dfn@gobble

```





```

8704 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
8705 \def\@makefnmark{\smash{\dfn@makefnmark}}
8706 \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
8707 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
8708 \ifdim\dfn@dima>z@\else
8709 \dfn@dima\isp\relax
8710 \setbox\dfn@boxa\ vbox{\vbox to\isp{\unvbox\dfn@boxa\vfil}}\fi
8711 \global\setbox\dfn@ins\ vbox{\boxmaxdepth\dfn@fnmaxdp
8712 \ifvoid\dfn@ins\else
8713 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
8714 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
8715 \setbox\dfn@boxa\copy\dfn@ins
8716 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
8717 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
8718 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
8719 \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}%
8720 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
8721 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
8722 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
8723 \long\def\dfn@RTLfootnotetext#1{{\setbox\dfn@boxa\ vbox{
8724 \let\insert\dfn@gobble
8725 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
8726 \def\@makefnmark{\smash{\dfn@makefnmark}}
8727 \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
8728 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
8729 \ifdim\dfn@dima>z@\else
8730 \dfn@dima\isp\relax
8731 \setbox\dfn@boxa\ vbox{\vbox to\isp{\unvbox\dfn@boxa\vfil}}\fi
8732 \global\setbox\dfn@ins\ vbox{\boxmaxdepth\dfn@fnmaxdp
8733 \ifvoid\dfn@ins\else
8734 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
8735 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
8736 \setbox\dfn@boxa\copy\dfn@ins
8737 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
8738 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
8739 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
8740 \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}%
8741 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
8742 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext
8743 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
8744 \def\dfn@RTLmakecol{{\ifvoid\footins\else
8745 \dfn@dima\ht\footins
8746 \@tempcnta\z@ \dfn@countins
8747 \@tempdima\z@ \let\@elt\dfn@elt@getht
8748 \dfn@list\@nil
8749 \ifdim\@tempdima=\z@\else
8750 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
8751 \global\setbox\dfn@ins\box\dfn@ins
8752 \@tempwattrue
8753 \ifdfn@trysingle
8754 \setbox\dfn@boxb\ vbox{\unvcopy\@cclv}\@tempdima\@colroom
8755 \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
8756 \advance\@tempdima-\skip\footins
8757 \advance\@tempdima-\ht\dfn@boxa

```



```

8758         \ifdim\@tempdima<\z@\else \@tempswafalse
8759             \global\setbox\footins\vbox{\boxmaxdepth\dfn\fnmaxdp
8760                 \footnoterule \unvbox\dfn@boxa}\fi\fi
8761     \if@tempswa
8762     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn\fnmaxdp\footnotesep
8763     \global\setbox\footins\vbox{\hbox{%
8764         \hskip \DFNcolumnwidth
8765         \hskip\DFNcolumnsep
8766         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
8767             \unvbox\dfn@boxb\vss}\hss}
8768         \hskip -\textwidth
8769         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
8770             \vbox to\@tempdima{
8771                 \setbox\@tempboxa\vbox{\footnoterule}
8772                 \ifdfn@ruleboth \unvbox\@tempboxa
8773                 \else \@tempdima\ht\@tempboxa
8774                     \advance\@tempdima\dp\@tempboxa
8775                     \vskip\@tempdima
8776                     \prevdepth\dp\@tempboxa \fi
8777                 \unvbox\dfn@boxa\vss}\fi\hss}
8778                 \hskip \DFNcolumnsep
8779                 \hskip \DFNcolumnwidth}}\fi\fi
8780     \global\dfn\fnht\z@
8781     \ifx\dfn@list\@empty\else
8782         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
8783         \dfn@list \global\advance\dfn\fnht\dfn@dimb
8784         \let\@elt\relax
8785         \ifdim\dfn@dimb>\z@
8786             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
8787             \insert\footins{\floatingpenalty\@MM
8788                 \vbox to\dfn@dimb{}}\fi
8789         \ifdim\dfn\fnht>\@tempdima
8790             \@tempdimb\@tempdima \advance\@tempdimb-\dfn\fnht
8791             \global\dfn\fnht\@tempdima
8792             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
8793             \xdef\dfn@afteroutput{\insert\footins{
8794                 \floatingpenalty\@MM
8795                 \vbox to\number\@tempdimb sp{}}}%
8796             \global\let\noexpand\dfn@afteroutput\relax}%
8797         \fi\fi
8798     \fi}%
8799     \let\footnoterule\relax \dfn@latex@makecol
8800     \let\footnoterule\dfn@footnoterule}
8801 \def\dfn@LTRmakecol{\ifvoid\footins\else
8802     \dfn@dima\ht\footins
8803     \@tempcnta\z@ \dfn@countins
8804     \@tempdima\z@ \let\@elt\dfn@elt@getht
8805     \dfn@list\@nil
8806     \ifdim\@tempdima=\z@\else
8807     \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
8808     \global\setbox\dfn@ins\box\dfn@ins
8809     \@tempswatrue
8810     \ifdfn@trysingle
8811         \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom

```



```

8812         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
8813         \advance\@tempdima-\skip\footins
8814         \advance\@tempdima-\ht\dfn@boxa
8815         \ifdim\@tempdima<\z@ \else \@tempswafalse
8816             \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
8817                 \footnoterule \unvbox\dfn@boxa}\fi\fi
8818     \if@tempswa
8819     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
8820     \global\setbox\footins\vbox{\hbox{%
8821         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
8822             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
8823         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
8824             \vbox to\@tempdima{
8825                 \setbox\@tempboxa\vbox{\footnoterule}
8826                 \ifdfn@ruleboth \unvbox\@tempboxa
8827                 \else \@tempdima\ht\@tempboxa
8828                     \advance\@tempdima\dp\@tempboxa
8829                     \vskip\@tempdima
8830                     \prevdepth\dp\@tempboxa \fi
8831                 \unvbox\dfn@boxa\vss}\fi\hss}}}\fi\fi
8832     \global\dfn@fnht\z@
8833     \ifx\dfn@list\@empty\else
8834         \let\@elt\dfn@elt\adjust \dfn@dima\z@ \dfn@dimb\z@
8835         \dfn@list \global\advance\dfn@fnht\dfn@dimb
8836         \let\@elt\relax
8837         \ifdim\dfn@dimb>\z@
8838             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
8839             \insert\footins{\floatingpenalty\@MM
8840                 \vbox to\dfn@dimb{}}\fi
8841         \ifdim\dfn@fnht>\@tempdima
8842             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
8843             \global\dfn@fnht\@tempdima
8844             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
8845             \xdef\dfn@afteroutput{\insert\footins{
8846                 \floatingpenalty\@MM
8847                 \vbox to\number\@tempdimb sp{}}}%
8848             \global\let\noexpand\dfn@afteroutput\relax}%
8849         \fi\fi
8850     \fi}%
8851     \let\footnoterule\relax \dfn@latex@makecol
8852     \let\footnoterule\dfn@footnoterule}
8853 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
8854 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
8855 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
8856 \DFNalwaysdouble

```

## 53 File diagbox-xetex-bidi.def

```

8857 \ProvidesFile{diagbox-xetex-bidi.def}[2017/12/30 v0.2 bidi adaptations for diagbox package]
8858 \bidi@patchcmd{\diagbox@double}{%
8859     \begin{tabular}{@{\hspace{\diagbox@insepl}}>{\diagbox@font}l@{}}
8860 }{\bidi@@diagbox@double@ii}{-}{-}
8861 \bidi@patchcmd{\diagbox@double}{%
8862     \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}}

```



```

8863 }{\bidi@diagbox@double@iii}{\{}}
8864 \newcommand*{\bidi@diagbox@double@ii}{%
8865   \if@RTL
8866     \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
8867   \else
8868     \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8869   \fi
8870 }
8871 \newcommand*{\bidi@diagbox@double@iii}{%
8872   \if@RTL
8873     \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8874   \else
8875     \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
8876   \fi
8877 }
8878 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
8879   \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8880 }{\bidi@diagbox@triple@setbox@NW@tabular@i@ii}{\{}}
8881 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
8882   \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8883 }{\bidi@diagbox@triple@setbox@NW@tabular@i@ii}{\{}}
8884 \bidi@patchcmd{\diagbox@triple@setbox@NW}{%
8885   \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
8886 }{\bidi@diagbox@triple@setbox@NW@tabular@iii}{\{}}
8887 \newcommand*{\bidi@diagbox@triple@setbox@NW@tabular@i@ii}{%
8888   \if@RTL
8889     \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
8890   \else
8891     \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8892   \fi
8893 }
8894 \newcommand*{\bidi@diagbox@triple@setbox@NW@tabular@iii}{%
8895   \if@RTL
8896     \begin{tabular}{@{\hspace{\diagbox@insepr}}>{\diagbox@font}l@{}}
8897   \else
8898     \begin{tabular}{@{}>{\diagbox@font}r@{\hspace{\diagbox@insepr}}}%
8899   \fi
8900 }
8901 \let\diagbox@triple@setbox@SW\diagbox@triple@setbox@NW
8902 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
8903   \begin{tabular}{@{\hspace{\diagbox@insepr}}l@{}}%
8904 }{\bidi@diagbox@triple@setbox@SE@tabular@i}{\{}}
8905 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
8906   \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
8907 }{\bidi@diagbox@triple@setbox@SE@tabular@ii@iii}{\{}}
8908 \bidi@patchcmd{\diagbox@triple@setbox@SE}{%
8909   \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
8910 }{\bidi@diagbox@triple@setbox@SE@tabular@ii@iii}{\{}}
8911 \newcommand*{\bidi@diagbox@triple@setbox@SE@tabular@i}{%
8912   \if@RTL
8913     \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
8914   \else
8915     \begin{tabular}{@{\hspace{\diagbox@insepr}}l@{}}
8916   \fi
8917 }
8918 \newcommand*{\bidi@diagbox@triple@setbox@SE@tabular@ii@iii}{%

```



```

8917 \if@RTL
8918 \begin{tabular}{@{\hspace{\diagbox@insepr}}l@{}}
8919 \else
8920 \begin{tabular}{@{}r@{\hspace{\diagbox@insepr}}}%
8921 \fi
8922 }
8923 \let\diagbox@triple@setbox@NE\diagbox@triple@setbox@SE
8924 \bidi@patchcmd{\diagbox@double@pict@SE}{%
8925 \diagbox@setlinecolor
8926 \Line(0,\strip@pt\diagbox@ht)(\strip@pt\diagbox@wd,0)%
8927 }{%
8928 {\diagbox@setlinecolor
8929 \Line(0,\strip@pt\diagbox@ht)(\strip@pt\diagbox@wd,0)}%
8930 }{}{}
8931 \let\diagbox@double@pict@NW\diagbox@double@pict@SE
8932 \bidi@patchcmd{\diagbox@double@pict@NE}{%
8933 \diagbox@setlinecolor
8934 \Line(0,0)(\strip@pt\diagbox@wd,\strip@pt\diagbox@ht)%
8935 }{%
8936 {\diagbox@setlinecolor
8937 \Line(0,0)(\strip@pt\diagbox@wd,\strip@pt\diagbox@ht)}%
8938 }{}{}
8939 \let\diagbox@double@pict@SW\diagbox@double@pict@NE
8940 \bidi@patchcmd{\diagbox@triple@pict@NW}{%
8941 \diagbox@setlinecolor
8942 \Line(0,\yym)(\x,0)
8943 \Line(\xm,\y)(\x,0)%
8944 }{%
8945 {\diagbox@setlinecolor
8946 \Line(0,\yym)(\x,0)
8947 \Line(\xm,\y)(\x,0)}%
8948 }{}{}
8949 \bidi@patchcmd{\diagbox@triple@pict@NE}{%
8950 \diagbox@setlinecolor
8951 \Line(0,0)(\xxm,\y)
8952 \Line(0,0)(\x,\yym)%
8953 }{%
8954 {\diagbox@setlinecolor
8955 \Line(0,0)(\xxm,\y)
8956 \Line(0,0)(\x,\yym)}%
8957 }{}{}
8958 \bidi@patchcmd{\diagbox@triple@pict@SW}{%
8959 \diagbox@setlinecolor
8960 \Line(0,\ym)(\x,\y)
8961 \Line(\xm,0)(\x,\y)%
8962 }{%
8963 {\diagbox@setlinecolor
8964 \Line(0,\ym)(\x,\y)
8965 \Line(\xm,0)(\x,\y)}%
8966 }{}{}
8967 \bidi@patchcmd{\diagbox@triple@pict@SE}{%
8968 \diagbox@setlinecolor
8969 \Line(0,\y)(\xxm,0)
8970 \Line(0,\y)(\x,\ym)%

```



```

8971 }{%
8972   {\diagbox@setlinecolor
8973     \Line(0,\y)(\xxm,0)
8974     \Line(0,\y)(\x,\ym)}%
8975 }{}{}

```

## 54 File draftwatermark-xetex-bidi.def

```

8976 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwater
8977 \renewcommand\SetWatermarkText[1]{%
8978   \def\sc@wm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

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

```

8979 \ProvidesFile{eso-pic-xetex-bidi.def}[2022/02/18 v0.4 bidi adaptations for eso-pic package f
8980 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
8981   \put(\if@RTLmain\paperwidth\else 0\fi,-\paperheight){#1}}
8982
8983 \ESO@isMEMOIR{%
8984   \renewcommand\AtTextUpperLeft[1]{%
8985     \begingroup
8986       \ifodd\c@page
8987         \if@RTLmain
8988           \ESO@tempdima=\paperwidth
8989           \advance\ESO@tempdima-\textwidth
8990           \advance\ESO@tempdima-\spinemargin
8991         \else
8992           \ESO@tempdima=\spinemargin
8993         \fi
8994       \else
8995         \if@RTLmain
8996           \ESO@tempdima=\spinemargin
8997         \else
8998           \ESO@tempdima=\paperwidth
8999           \advance\ESO@tempdima-\textwidth
9000           \advance\ESO@tempdima-\spinemargin
9001         \fi
9002       \fi
9003       \ESO@tempdimb=-\uppermargin
9004       \AtPageUpperLeft{%
9005         \put(\if@RTLmain-\textwidth-\fi\ESO@tempdima,\ESO@tempdimb){#1}%
9006       }%
9007     \endgroup
9008   }
9009 }{%
9010   \renewcommand\AtTextUpperLeft[1]{%
9011     \begingroup
9012       \ESO@tempdima=1in\relax
9013       \if@twoside
9014         \ifodd\c@page
9015           \if@RTLmain
9016             \advance\ESO@tempdima\evensidemargin
9017           \else
9018             \advance\ESO@tempdima\oddsidemargin

```



```

9019         \fi
9020     \else
9021         \if@RTLmain
9022             \advance\ESO@tempdima\oddsidemargin
9023         \else
9024             \advance\ESO@tempdima\evensidemargin
9025         \fi
9026     \fi
9027 \else
9028     \advance\ESO@tempdima\oddsidemargin
9029 \fi
9030 \ESO@tempdimb=-1in\relax
9031 \advance\ESO@tempdimb-\topmargin
9032 \advance\ESO@tempdimb-\headheight
9033 \advance\ESO@tempdimb-\headsep
9034 \AtPageUpperLeft{%
9035     \put(\if@RTLmain-\textwidth-\fi\ESO@tempdima,\ESO@tempdimb){#1}%
9036 }%
9037 \endgroup
9038 }
9039 }

```

## 56 File empheq-xetex-bidi.def

```

9040 \ProvidesFile{empheq-xetex-bidi.def}[2018/01/08 v0.2 bidi adaptations for empheq package for
9041 \MHInternalSyntaxOn
9042 \def\EQ_tag_plus_endmark:{%
9043     \iftagsleft@
9044         \gdef\maketag@@@#1{%
9045             \hfuzz\displaywidth
9046             \if@RTL\makebox[\widthof{##1}][r]{%
9047                 \hbox to \displaywidth{\m@th\normalfont##1\hss
9048                     \raisebox[-\dp\EQ_mathdisplay_box
9049                         -\depthof{\EQ_outerbox:}]{%
9050                         {\PotEndMark{\hss}}}}
9051             \else\makebox[\widthof{##1}][l]{%
9052                 \hbox to \displaywidth{\m@th\normalfont##1\hss
9053                     \raisebox[-\dp\EQ_mathdisplay_box
9054                         -\depthof{\EQ_outerbox:}]{%
9055                         {\PotEndMark{\hss}}}}\fi}%
9056 \MH_else:
9057     \gdef\maketag@@@#1{%
9058         \hbox{\m@th\normalfont##1\llap{\hss\PotEndMark{%
9059             \settoheight{\@tempdima}{\@nameuse{\InTheoType Symbol}}%
9060             \MH_addtolength:dn \@tempdima
9061             {\g_EQ_bottomtag_depth_dim+\mintagvsep}
9062             \setlength{\@tempdimb}
9063             {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox:}}
9064             +\depthof{\EQ_innerbox:}}}}
9065         \MH_if_dim:w \@tempdima>\@tempdimb
9066         \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
9067             -\@tempdima+\g_EQ_bottomrow_depth_dim}
9068         \addtolength{\@tempdima}{\depthof{\EQ_innerbox:}}}%
9069         \def\EQ_next:{\raisebox{\@tempdima}}%

```



```

9070         \MH_else:
9071         \def\EQ_next:{
9072             \raisebox{-\dp\EQ_mathdisplay_box
9073                 -\depthof{\EQ_outerbox:}}{}}}%
9074         \MH_fi:\EQ_next:}}}%
9075     \MH_fi:}
9076 \def\EQ_post_process:{%
9077     \EQ_initialize:
9078     \EQ_begin_equation:
9079     \MH_if_boolean:nT {outer_mult}{
9080         \setkeys{\MT_options_name:}{
9081             firstline-afterskip=Opt,
9082             lastline-preskip=Opt,
9083             multlined-width=Opt,
9084         }
9085         \ifodd \l_EQ_alignmentmode_int
9086         \setkeys{\MT_options_name:}{multlined-pos=b}
9087         \MH_else:
9088         \setkeys{\MT_options_name:}{multlined-pos=t}
9089         \MH_fi:
9090         \g@addto@macro\EQ_complete_mathdisplay:{
9091             \begin{MTmultlined}\relax}
9092     }
9093     \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:
9094     \MH_if_boolean:nT {outer_mult}{
9095         \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
9096     }
9097     \EQ_end_equation:
9098     \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
9099     \savecounters@
9100     \EQ_typeset_tags:
9101     \edef\l_EQ_equation_fint{\number\c@equation}
9102     \restorecounters@
9103     \Hy@linkcounter=\EQ_hyperref_link_fint
9104     \settowidth\l_EQ_totalwidth_dim{%
9105         $\EQ_left_side:\EQ_innerbox:}\EQ_right_side:$}%
9106     \MH_if_boolean:nTF {outer_mult}
9107     { \def\EQ_next:{_mult} }
9108     { \def\EQ_next:{} }
9109     \@nameuse{EQ_modify_linewidth_
9110         \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
9111     \EQ_typeset_display:
9112     \@nameuse{EQ_find_displaywidth_
9113         \romannumeral\l_EQ_equationtype_int\EQ_next: :}
9114     \MH_addtolength:dn
9115         \l_EQ_totalwidth_dim{\l_EQ_displaywidth_dim}
9116     \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
9117         $\EQ_left_side:
9118         \EQ_innerbox:{%
9119             \MH_if_case:w \l_EQ_alignmentmode_int\MH_or:
9120                 \makebox[\l_EQ_displaywidth_dim][c]
9121                 {\usebox{\EQ_mathdisplay_box}}}%
9122             \MH_or:
9123                 \makebox[\l_EQ_displaywidth_dim][c]

```





```

9124         {\usebox{\EQ_mathdisplay_box}}%
9125     \MH_or:
9126     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
9127         \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
9128         \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
9129         \kern-\@mathmargin
9130         \MH_fi:
9131     \MH_fi:
9132     \usebox{\EQ_mathdisplay_box}}%
9133 \else\makebox[\l_EQ_displaywidth_dim][l]{%
9134     \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
9135     \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
9136     \kern-\@mathmargin
9137     \MH_fi:
9138 \MH_fi:
9139     \usebox{\EQ_mathdisplay_box}}\fi%
9140 \MH_or:
9141     \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
9142     \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
9143     \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
9144     \kern-\@mathmargin
9145     \MH_fi:
9146 \MH_fi:
9147     \usebox{\EQ_mathdisplay_box}}
9148 \else\makebox[\l_EQ_displaywidth_dim][l]{%
9149     \MH_if_num:w \l_EQ_equationtype_int=5 \MH_else:
9150     \MH_if_num:w \l_EQ_equationtype_int=6 \MH_else:
9151     \kern-\@mathmargin
9152     \MH_fi:
9153 \MH_fi:
9154     \usebox{\EQ_mathdisplay_box}}\fi%
9155 \MH_fi:}%
9156 \EQ_right_side:$}%
9157 \begin{AmSequation*}
9158 \@nameuse{EQ_place_display_
9159     \romannumeral\l_EQ_equationtype_int\EQ_next: :}
9160 \MH_if_dim:w \g_EQ_widesttag_dim>\z@
9161 \MH_set_boolean_T:n {show_manual_tags}
9162 \MH_if_case:w \l_EQ_alignmentmode_int
9163 \MH_or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
9164 \MH_or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
9165 \MH_or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
9166 \MH_or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
9167 \MH_fi:
9168 \MH_fi:
9169 \end{AmSequation*}
9170 \global\c@equation=\l_EQ_equation_fint\relax
9171 }
9172 \AtBeginDocument{%
9173     \ifpackageloaded{fancybox}{%
9174         \ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
9175         {\renewcommand*{\textcolor[2]{\normalcolor{#2}}}%
9176         \renewcommand*{\shadowbox{%
9177             \ifstar{\MH_set_boolean_T:n {shadowbox_star}

```



```

9178         \VerbBox\EQ_shadowbox:n}
9179         {\MH_set_boolean_F:n {shadowbox_star}
9180         \VerbBox\EQ_shadowbox:n}}
9181 \def\EQ_shadowbox:n #1{%
9182   \sbox{\z@}{\fbox{#1}}}%
9183   \MH_if_boolean:nTF {shadowbox_star}{
9184     \MH_setlength:dn \@tempdima{\z@}%
9185   }{
9186     \MH_setlength:dn \@tempdima{\dp\z@+\shadowsize}%
9187   }
9188   \raisebox{\@tempdima}{%
9189     \ifRTL\makebox[\z@][r]{%
9190       \kern\shadowsize \textcolor{shadowcolor}{%
9191         \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}}%
9192     }%
9193     \else\makebox[\z@][l]{%
9194       \kern\shadowsize \textcolor{shadowcolor}{%
9195         \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}}%
9196     }\fi%
9197     \usebox\z@\textcolor{shadowcolor}{%
9198       \rule[-\dp\z@-\shadowsize]{\shadowsize}{\ht\z@+\dp\z@}}}%
9199   }{}%
9200 }
9201 \MHInternalSyntaxOff

```

## 57 File extarticle-xetex-bidi.def

```

9202 \ProvidesFile{extarticle-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for extarticle cla
9203 \renewcommand*\l@section[2]{%
9204   \ifnum \c@tocdepth >\z@
9205     \addpenalty\@secpenalty
9206     \addvspace{1.0em \@plus\p@}%
9207     \setlength\@tempdima{1.5em}%
9208     \begingroup
9209       \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
9210       \parfillskip -\@pnumwidth
9211       \leavevmode \bfseries
9212       \advance\ifRTL\rightskip\else\leftskip\fi\@tempdima
9213       \hskip -\ifRTL\rightskip\else\leftskip\fi
9214       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
9215     \endgroup
9216   \fi}
9217 \renewcommand*\l@part[2]{%
9218   \ifnum \c@tocdepth >-2\relax
9219     \addpenalty\@secpenalty
9220     \addvspace{2.25em \@plus\p@}%
9221     \begingroup
9222       \setlength\@tempdima{3em}%
9223       \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
9224       \parfillskip -\@pnumwidth
9225       {\leavevmode
9226         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
9227       \nobreak
9228     \endgroup

```



```

9229 \fi}
9230 \def\@part[#1]#2{%
9231   \ifnum \c@secnumdepth >\m@ne
9232     \refstepcounter{part}%
9233     \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
9234   \else
9235     \addcontentsline{toc}{part}{#1}%
9236   \fi
9237   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
9238    \interlinepenalty \@M
9239    \normalfont
9240    \ifnum \c@secnumdepth >\m@ne
9241      \Large\bfseries \partname~\thepart
9242      \par\nobreak
9243    \fi
9244    \huge \bfseries #2%
9245    \markboth{}{}\par}%
9246  \nobreak
9247  \vskip 3ex
9248  \@afterheading}
9249 \def\@spart#1{%
9250   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
9251    \interlinepenalty \@M
9252    \normalfont
9253    \huge \bfseries #1\par}%
9254  \nobreak
9255  \vskip 3ex
9256  \@afterheading}
9257 \renewenvironment{thebibliography}[1]
9258   {\section*{\refname
9259    \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
9260    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
9261    \bidi@@thebibliography@font@hook%
9262    \list{\@biblabel{\@arabic\c@enumiv}}%
9263     {\settowidth\labelwidth{\@biblabel{#1}}%
9264      \leftmargin\labelwidth
9265      \advance\leftmargin\labelsep
9266      \@openbib@code
9267      \usecounter{enumiv}%
9268      \let\p@enumiv\@empty
9269      \renewcommand\theenumiv{\@arabic\c@enumiv}}%
9270    \sloppy\clubpenalty4000\widowpenalty4000%
9271    \sfcode`. \.\@m}
9272   {\def\@noitemerr
9273    {\@latex@warning{Empty `thebibliography' environment}}%
9274    \endlist}
9275 \renewcommand\left@footnoterule{%
9276   \kern-3\p@
9277   \hrule\@width.4\columnwidth
9278   \kern2.6\p@}
9279 \renewcommand\right@footnoterule{%
9280   \kern-3\p@
9281   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
9282   \kern2.6\p@}

```



```

9283 \if@titlepage
9284 \renewcommand\maketitle{\begin{titlepage}%
9285 \let\footnotesize\small
9286 \let\right@footnoterule\relax
9287 \let\left@footnoterule\relax
9288 \let\textwidth@footnoterule\relax
9289 \let \footnote \thanks
9290 \null\vfil
9291 \vskip 60\p@
9292 \begin{center}%
9293 {\LARGE \@title \par}%
9294 \vskip 3em%
9295 {\large
9296 \lineskip .75em%
9297 \begin{tabular}[t]{c}%
9298 \@author
9299 \end{tabular}\par}%
9300 \vskip 1.5em%
9301 {\large \@date \par}% % Set date in \large size.
9302 \end{center}\par
9303 \@thanks
9304 \vfil\null
9305 \end{titlepage}%
9306 \setcounter{footnote}{0}%
9307 \global\let\thanks\relax
9308 \global\let\maketitle\relax
9309 \global\let\@thanks\@empty
9310 \global\let\@author\@empty
9311 \global\let\@date\@empty
9312 \global\let\@title\@empty
9313 \global\let\title\relax
9314 \global\let\author\relax
9315 \global\let\date\relax
9316 \global\let\and\relax
9317 }
9318 \else
9319 \renewcommand\maketitle{\par
9320 \begingroup
9321 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
9322 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
9323 \long\def\@makefntext##1{\parindent 1em\noindent
9324 \hb@xt@1.8em{%
9325 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
9326 \if@twocolumn
9327 \ifnum \col@number=\@ne
9328 \@maketitle
9329 \else
9330 \twocolumn[\@maketitle]%
9331 \fi
9332 \else
9333 \newpage
9334 \global\@topnum\z@ % Prevents figures from going at top of page.
9335 \@maketitle
9336 \fi

```



```

9337 \thispagestyle{plain}\@thanks
9338 \endgroup
9339 \setcounter{footnote}{0}%
9340 \global\let\thanks\relax
9341 \global\let\maketitle\relax
9342 \global\let\@maketitle\relax
9343 \global\let\@thanks\@empty
9344 \global\let\@author\@empty
9345 \global\let\@date\@empty
9346 \global\let\@title\@empty
9347 \global\let\title\relax
9348 \global\let\author\relax
9349 \global\let\date\relax
9350 \global\let\and\relax
9351 }
9352 \def\@maketitle{%
9353 \newpage
9354 \null
9355 \vskip 2em%
9356 \begin{center}%
9357 \let \footnote \thanks
9358 {\LARGE \@title \par}%
9359 \vskip 1.5em%
9360 {\large
9361 \lineskip .5em%
9362 \begin{tabular}[t]{c}%
9363 \@author
9364 \end{tabular}\par}%
9365 \vskip 1em%
9366 {\large \@date}%
9367 \end{center}%
9368 \par
9369 \vskip 1.5em}
9370 \fi
9371 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}
9372 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
9373 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9374 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

## 58 File extbook-xetex-bidi.def

```

9375 \ProvidesFile{extbook-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for extbook class for
9376 \if@titlepage
9377 \renewcommand\maketitle{\begin{titlepage}%
9378 \let\footnotesize\small
9379 \let\right@footnoterule\relax
9380 \let\left@footnoterule\relax
9381 \let\textwidth@footnoterule\relax
9382 \let \footnote \thanks
9383 \let \LTRfootnote \LTRthanks
9384 \let \RTLfootnote \RTLthanks
9385 \null\vfil
9386 \vskip 60\p@
9387 \begin{center}%

```



```

9388 {\\LARGE \@title \\par}%
9389 \\vskip 3em%
9390 {\\large
9391   \\lineskip .75em%
9392   \\begin{tabular}[t]{c}%
9393     \\@author
9394   \\end{tabular}\\par}%
9395   \\vskip 1.5em%
9396   {\\large \@date \\par}%           % Set date in \\large size.
9397 \\end{center}\\par
9398 \\@thanks
9399 \\vfil\\null
9400 \\end{titlepage}%
9401 \\setcounter{footnote}{0}%
9402 \\global\\let\\thanks\\relax
9403 \\global\\let\\LTRthanks\\relax
9404 \\global\\let\\RTLthanks\\relax
9405 \\global\\let\\maketitle\\relax
9406 \\global\\let\\@thanks\\@empty
9407 \\global\\let\\@author\\@empty
9408 \\global\\let\\@date\\@empty
9409 \\global\\let\\@title\\@empty
9410 \\global\\let\\title\\relax
9411 \\global\\let\\author\\relax
9412 \\global\\let\\date\\relax
9413 \\global\\let\\and\\relax
9414 }
9415 \\else
9416 \\renewcommand\\maketitle{\\par
9417   \\begingroup
9418     \\renewcommand\\thefootnote{\\@fnsymbol\\c@footnote}%
9419     \\def\\@makefnmark{\\rlap{\\@textsuperscript{\\normalfont\\@thefnmark}}}%
9420     \\long\\def\\@makefntext##1{\\parindent 1em\\noindent
9421       \\hb@xt@1.8em{\\
9422         \\hss\\@textsuperscript{\\normalfont\\@thefnmark}}##1}%
9423     \\if@twocolumn
9424       \\ifnum \\col@number=\\@one
9425         \\@maketitle
9426       \\else
9427         \\twocolumn[\\@maketitle]%
9428       \\fi
9429     \\else
9430       \\newpage
9431       \\global\\@topnum\\z@   % Prevents figures from going at top of page.
9432       \\@maketitle
9433     \\fi
9434     \\thispagestyle{plain}\\@thanks
9435   \\endgroup
9436   \\setcounter{footnote}{0}%
9437   \\global\\let\\thanks\\relax
9438   \\global\\let\\LTRthanks\\relax
9439   \\global\\let\\RTLthanks\\relax
9440   \\global\\let\\maketitle\\relax
9441   \\global\\let\\@maketitle\\relax

```



```

9442 \global\let\thanks\@empty
9443 \global\let\author\@empty
9444 \global\let\date\@empty
9445 \global\let\title\@empty
9446 \global\let\title\relax
9447 \global\let\author\relax
9448 \global\let\date\relax
9449 \global\let\and\relax
9450 }
9451 \def\@maketitle{%
9452 \newpage
9453 \null
9454 \vskip 2em%
9455 \begin{center}%
9456 \let \footnote \thanks
9457 \let \LTRfootnote \LTRthanks
9458 \let \RTLfootnote \RTLthanks
9459 {\LARGE \@title \par}%
9460 \vskip 1.5em%
9461 {\large
9462 \lineskip .5em%
9463 \begin{tabular}[t]{c}%
9464 \author
9465 \end{tabular}\par}%
9466 \vskip 1em%
9467 {\large \@date}%
9468 \end{center}%
9469 \par
9470 \vskip 1.5em}
9471 \fi
9472 \renewcommand*\l@part[2]{%
9473 \ifnum \c@tocdepth >-2\relax
9474 \addpenalty{-\@highpenalty}%
9475 \addvspace{2.25em \@plus\p}%
9476 \begingroup
9477 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
9478 \parfillskip -\@pnumwidth
9479 {\leavevmode
9480 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
9481 \nobreak
9482 \global\@nobreaktrue
9483 \everypar{\global\@nobreakfalse\everypar{}}%
9484 \endgroup
9485 \fi}
9486 \renewcommand\theequation
9487 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9488 \renewcommand \thefigure
9489 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9490 \renewcommand \thetable
9491 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9492 \renewcommand \thechapter {\@arabic\c@chapter}
9493 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9494 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9495 \renewcommand \thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}

```



```

9496 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9497 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
9498 \def\@makechapterhead#1{%
9499   \vspace*{50\p@}%
9500   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
9501     \ifnum \c@secnumdepth >\m@ne
9502       \if@mainmatter
9503         \huge\bfseries \@chapapp\space \thechapter
9504         \par\nobreak
9505         \vskip 20\p@
9506       \fi
9507     \fi
9508     \interlinepenalty\@M
9509     \Huge \bfseries #1\par\nobreak
9510     \vskip 40\p@
9511   }}
9512
9513 \def\@makeschapterhead#1{%
9514   \vspace*{50\p@}%
9515   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
9516     \normalfont
9517     \interlinepenalty\@M
9518     \Huge \bfseries #1\par\nobreak
9519     \vskip 40\p@
9520   }}
9521 \renewcommand\backmatter{%
9522   \if@openright
9523     \cleardoublepage
9524   \else
9525     \clearpage
9526   \fi
9527   \@mainmatterfalse}
9528 \renewenvironment{thebibliography}[1]
9529   {\chapter*{\bibname
9530     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}}%
9531   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
9532   \bidi@thebibliography@font@hook%
9533   \list{\@biblabel{\@arabic\c@enumiv}}%
9534     {\settowidth\labelwidth{\@biblabel{#1}}%
9535     \leftmargin\labelwidth
9536     \advance\leftmargin\labelsep
9537     \@openbib@code
9538     \usecounter{enumiv}%
9539     \let\p@enumiv\@empty
9540     \renewcommand\theenumiv{\@arabic\c@enumiv}}%
9541   \sloppy
9542   \clubpenalty4000
9543   \@clubpenalty \clubpenalty
9544   \widowpenalty4000%
9545   \sfcode`. \@m}
9546 {\def\@noitemerr
9547   {\@latex@warning{Empty `thebibliography' environment}}}%
9548 \endlist}

```





## 59 File extletter-xetex-bidi.def

```

9549 \ProvidesFile{extletter-xetex-bidi.def}[2015/11/14 v0.2 bidi adaptations for extletter class]
9550 \renewcommand*{\opening}[1]{\ifx\@empty\fromaddress
9551   \thispagestyle{firstpage}%
9552   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
9553 \else % home address
9554   \thispagestyle{empty}%
9555   {\if@RTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignore
9556     \fromaddress \*[2\parskip]%
9557     \@date \end{tabular}\par}%
9558 \fi
9559 \vspace{2\parskip}%
9560 {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip]\toaddress \par}%
9561 \vspace{2\parskip}%
9562 #1\par\nobreak}
9563 \renewcommand{\closing}[1]{\par\nobreak\vspace{\parskip}%
9564 \stopbreaks
9565 \noindent
9566 \ifx\@empty\fromaddress\else
9567 \hspace*{\longindentation}\fi
9568 \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
9569   \ignorespaces #1\[[6\medskipamount]]%
9570   \ifx\@empty\fromsig
9571     \fromname
9572   \else \fromsig \fi\strut}%
9573 \par}
9574 \renewcommand\left@footnoterule{%
9575   \kern-\p@
9576   \hrule \@width .4\columnwidth
9577   \kern .6\p@}
9578 \renewcommand\right@footnoterule{%
9579   \kern-\p@
9580   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
9581   \kern .6\p@}

```

## 60 File extrafootnotefeatures-xetex-bidi.def

```

9582 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2018/10/11 v1.7 bidi extra footnote feat
9583 \newif\if@bidi@void@footins
9584 \newif\if@bidi@void@mpfootins
9585 \newcommand*{\@bidi@before@Hy@hyperfootnotes}{%
9586 \if@bidi@csundef\ifHy@hyperfootnotes}{\}%
9587 \if@bidi@csundef\HLTR@@LTRfootnotetext}{\}%
9588 \ifHy@hyperfootnotes
9589   \let\@H@@footnotetext\@footnotetext
9590   \let\@HLTR@@LTRfootnotetext\@LTRfootnotetext
9591   \let\@HRTL@@RTLfootnotetext\@RTLfootnotetext
9592   \let\@H@@mpfootnotetext\@mpfootnotetext
9593   \let\@HLTR@@mpLTRfootnotetext\@mpLTRfootnotetext
9594   \let\@HRTL@@mpRTLfootnotetext\@mpRTLfootnotetext
9595 \fi
9596 }%
9597 }%

```



```

9598 }
9599 \newcommand*{\@bidi@after@Hy@hyperfootnotes}{%
9600 \if@bidi@csundef{\ifHy@hyperfootnotes}{}{%
9601 \if@bidi@csundef{HLTR@LTRfootnotetext}{}{%
9602 \ifHy@hyperfootnotes
9603 \let\H@@footnotetext\@footnotetext
9604 \let\@footnotetext\@H@@footnotetext
9605 \let\HLTR@LTRfootnotetext\@LTRfootnotetext
9606 \let\@LTRfootnotetext\@HLTR@LTRfootnotetext
9607 \let\HRTL@RTLfootnotetext\@RTLfootnotetext
9608 \let\@RTLfootnotetext\@HRTL@RTLfootnotetext
9609 \let\H@@mpfootnotetext\@mpfootnotetext
9610 \let\@mpfootnotetext\@H@@mpfootnotetext
9611 \let\HLTR@mpLTRfootnotetext\@mpLTRfootnotetext
9612 \let\@mpLTRfootnotetext\@HLTR@mpLTRfootnotetext
9613 \let\HRTL@mpRTLfootnotetext\@mpRTLfootnotetext
9614 \let\@mpRTLfootnotetext\@HRTL@mpRTLfootnotetext
9615 \fi
9616 }%
9617 }%
9618 }
9619 \let\autofootnoterule\relax
9620 \let\rightfootnoterule\relax
9621 \let\leftfootnoterule\relax
9622 \let\textwidthfootnoterule\relax
9623 \let\LRfootnoterule\relax
9624 \def\footnoterule{\kern-3\p@
9625 \hrule \@width \columnwidth \kern 2.6\p@}
9626 \newcommand{\@preamnormalfmt}{%
9627 \parindent 1em%
9628 \noindent
9629 }
9630 \newcommand{\@normalfootfmt}[1]{%
9631 \@preamnormalfmt
9632 \footfootmark
9633 \rule{z@\footnotesep}{\ignorespaces{\foottextfont #1}%
9634 \@finalstrut\strutbox
9635 }
9636 \newcommand{\@normalRTLfootfmt}[1]{%
9637 \@preamnormalfmt
9638 \RTLfootfootmark
9639 \rule{z@\footnotesep}{\ignorespaces{\RTLfoottextfont #1}%
9640 \@finalstrut\strutbox
9641 }
9642 \newcommand{\@normalLTRfootfmt}[1]{%
9643 \@preamnormalfmt
9644 \LTRfootfootmark
9645 \rule{z@\footnotesep}{\ignorespaces{\LTRfoottextfont #1}%
9646 \@finalstrut\strutbox
9647 }
9648 \renewcommand{\@footnotetext}[1]{%
9649 \insert\footins{%
9650 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9651 \def\baselinestretch{\m@m@footnote@spacing}%

```



```

9652 \reset@font
9653 \foottextfont
9654 \@preamfntext
9655 \hsize\columnwidth
9656 \protected@edef\@currentlabel{%
9657 \csname p@footnote\endcsname\@thefnmark}%
9658 \color@begingroup
9659 \@normalfootfmt{#1}%
9660 \color@endgroup}%
9661 \m@mmf@prepare}
9662 \renewcommand{\@RTLfootnotetext}[1]{%
9663 \insert\footins{%
9664 \@RTLtrue%
9665 \def\baselinestretch{\m@m@footnote@spacing}%
9666 \reset@font
9667 \RTLfoottextfont
9668 \@preamfntext
9669 \hsize\columnwidth
9670 \protected@edef\@currentlabel{%
9671 \csname p@footnote\endcsname\@thefnmark}%
9672 \color@begingroup
9673 \@normalRTLfootfmt{#1}%
9674 \color@endgroup}%
9675 \m@mmf@prepare}
9676 \renewcommand{\@LTRfootnotetext}[1]{%
9677 \insert\footins{%
9678 \@RTLfalse%
9679 \def\baselinestretch{\m@m@footnote@spacing}%
9680 \reset@font
9681 \LTRfoottextfont
9682 \@preamfntext
9683 \hsize\columnwidth
9684 \protected@edef\@currentlabel{%
9685 \csname p@footnote\endcsname\@thefnmark}%
9686 \color@begingroup
9687 \@normalLTRfootfmt{#1}%
9688 \color@endgroup}%
9689 \m@mmf@prepare}
9690 \renewcommand{\@mpfootnotetext}[1]{%
9691 \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9692 \unvbox\@mpfootins
9693 \def\baselinestretch{\m@m@footnote@spacing}%
9694 \reset@font%
9695 \foottextfont \hsize\columnwidth \@parboxrestore
9696 \protected@edef\@currentlabel{%
9697 \csname p@mpfootnote\endcsname\@thefnmark}%
9698 \color@begingroup
9699 \@normalfootfmt{#1}%
9700 \color@endgroup}}
9701 \renewcommand{\@mplTRfootnotetext}[1]{%
9702 \global\setbox\@mpfootins\vbox{\@RTLfalse%
9703 \unvbox\@mpfootins
9704 \def\baselinestretch{\m@m@footnote@spacing}%
9705 \reset@font%

```



```

9706 \LTRfoottextfont \hsize\columnwidth \@parboxrestore
9707 \protected@edef\@currentlabel{%
9708 \csname p@mpfootnote\endcsname\@thefnmark}%
9709 \color@begingroup
9710 \@normalLTRfootfmt{#1}%
9711 \color@endgroup}}
9712 \renewcommand{\@mpRTLfootnotetext}[1]{%
9713 \global\setbox\@mpfootins\vbox{\@RTLtrue%
9714 \unvbox\@mpfootins
9715 \def\baselinestretch{\m@m@footnote@spacing}%
9716 \reset@font%
9717 \RTLfoottextfont \hsize\columnwidth \@parboxrestore
9718 \protected@edef\@currentlabel{%
9719 \csname p@mpfootnote\endcsname\@thefnmark}%
9720 \color@begingroup
9721 \@normalRTLfootfmt{#1}%
9722 \color@endgroup}}
9723 \let\m@mold@footnotetext\@footnotetext
9724 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
9725 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
9726 \let\m@mold@mpfootnotetext\@mpfootnotetext
9727 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext
9728 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
9729 \bidi@ensure@newcommand{\normalfootnotes}{%
9730 \@bidi@before@Hy@hyperfootnotes
9731 \let\@footnotetext\m@mold@footnotetext
9732 \let\@LTRfootnotetext\m@mold@LTRfootnotetext
9733 \let\@RTLfootnotetext\m@mold@RTLfootnotetext
9734 \let\@mpfootnotetext\m@mold@mpfootnotetext
9735 \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
9736 \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext
9737 \@bidi@after@Hy@hyperfootnotes
9738 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
9739 }
9740 \ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
9741 \bidi@ensure@newcommand*\@RTLcolumnfootnotes{\@RTLcolumnfootnotesttrue}
9742 \bidi@ensure@newcommand*\@LTRcolumnfootnotes{\@RTLcolumnfootnotestfalse}
9743 \bidi@ensure@newcommand*\setSingleSpace[1]{%
9744 \def\m@m@singlespace{#1}%
9745 \def\m@m@footnote@spacing{#1}%
9746 \def\m@m@float@spacing{#1} %
9747 }
9748 \setSingleSpace{1}
9749 \bidi@ensure@newcommand*\multiplefootnotemarker{3sp}
9750 \bidi@ensure@newcommand*\m@m@mmf@prepare{%
9751 \kern-\multiplefootnotemarker
9752 \kern\multiplefootnotemarker\relax}
9753 \bidi@ensure@newlength\footmarkwidth
9754 \bidi@ensure@newcommand*\footmarkstyle[1]{\def\footscript##1{#1}}
9755 \bidi@ensure@newcommand*\LTRfootmarkstyle[1]{\def\LTRfootscript##1{#1}}
9756 \bidi@ensure@newcommand*\RTLfootmarkstyle[1]{\def\RTLfootscript##1{#1}}
9757 \bidi@ensure@newcommand\footfootmark{%
9758 \ifdim\footmarkwidth < \z@
9759 \llap{\hb@xt@ -\footmarkwidth{%

```



```

9760         \hss\normalfont\footscript{\@thefnmark}}%
9761         \hspace*{-\footmarkwidth}}%
9762     \else
9763         \ifdim\footmarkwidth = \z@
9764             {\normalfont\footscript{\@thefnmark}}%
9765         \else
9766             \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}%
9767         \fi
9768     \fi}
9769 \bidi@ensure@newcommand{\LTRfootfootmark}{%
9770 \ifdim\footmarkwidth < \z@
9771     \llap{\hb@xt@ -\footmarkwidth{%
9772         \hss\normalfont\LTRfootscript{\@thefnmark}}%
9773         \hspace*{-\footmarkwidth}}%
9774 \else
9775     \ifdim\footmarkwidth = \z@
9776         {\normalfont\LTRfootscript{\@thefnmark}}%
9777     \else
9778         \hb@xt@\footmarkwidth{\hss\normalfont\LTRfootscript{\@thefnmark}}%
9779     \fi
9780 \fi}
9781 \bidi@ensure@newcommand{\RTLfootfootmark}{%
9782 \ifdim\footmarkwidth < \z@
9783     \llap{\hb@xt@ -\footmarkwidth{%
9784         \hss\normalfont\RTLfootscript{\@thefnmark}}%
9785         \hspace*{-\footmarkwidth}}%
9786 \else
9787     \ifdim\footmarkwidth = \z@
9788         {\normalfont\RTLfootscript{\@thefnmark}}%
9789     \else
9790         \hb@xt@\footmarkwidth{\hss\normalfont\RTLfootscript{\@thefnmark}}%
9791     \fi
9792 \fi}
9793 \footmarkstyle{\textsuperscript{#1}}
9794 \LTRfootmarkstyle{\textsuperscript{#1}}
9795 \RTLfootmarkstyle{\textsuperscript{#1}}
9796 \newcommand*{\bidi@normal@footmarkwidth}{%
9797 \setlength{\footmarkwidth}{1em plus.4em minus.4em}%
9798 }
9799 \newcommand*{\bidi@star@footmarkwidth}{%
9800 \setlength{\footmarkwidth}{0em plus.4em minus.4em}%
9801 }
9802 \bidi@normal@footmarkwidth
9803 \bidi@ensure@newcommand{\m@mdoextrafeet}{\extrafeetins}
9804 \bidi@ensure@newcommand*{\extrafeetins}{%
9805 \setbox\@outputbox \vbox{%
9806 \boxmaxdepth \@maxdepth
9807 \unvbox\@outputbox
9808 \ifvoid\footinsv@r
9809 \ifvoid\footinsv@l
9810 \else
9811 \@footstartv@l
9812 \@LTRfootgroupv@l
9813 \fi

```



```

9814 \else
9815 \@footstartv@r
9816 \@footgroupv@r
9817 \ifvoid\footinsv@l
9818 \else
9819 \@@footstart@@v@l
9820 \@LTRfootgroupv@l
9821 \fi
9822 \fi
9823 \ifvoid\@bidi@copyins@
9824 \else
9825 \vskip \skip\@bidi@copyins@
9826 \color@begingroup
9827 \normalcolor
9828 \unvbox \@bidi@copyins@
9829 \color@endgroup
9830 \fi
9831 \extrafeetinshook}}
9832 \bidi@ensure@newcommand{\extrafeetinshook}{%
9833 \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
9834 \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
9835 \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
9836 \bidi@ensure@newlength{\footinsdim}
9837 \setlength{\footinsdim}{8in} % standard for \dimen\footins
9838 \bidi@ensure@newcommand{\@preamfntext}{%
9839 \interlinepenalty\interfootnotelinepenalty
9840 \floatingpenalty \@MM
9841 \splittopskip=\footnotesep
9842 \splitmaxdepth=\dp\strutbox
9843 \@parboxrestore}
9844 \bidi@ensure@newcommand{\m@mmdoextrafeetmini}{%
9845 \extrafeetminihook}
9846 \bidi@ensure@newcommand{\extrafeetendmini}{%
9847 \ifvoid\@mpfootinsv@r
9848 \ifvoid\@mpfootinsv@l
9849 \else
9850 \vskip\skip\@mpfootins
9851 \normalcolor
9852 \if@bidi@void@\@mpfootins
9853 \footnoterule
9854 \fi
9855 \mp@LTRfootgroupv@l
9856 \fi
9857 \else
9858 \vskip\skip\@mpfootins
9859 \normalcolor
9860 \if@bidi@void@\@mpfootins
9861 \footnoterule
9862 \fi
9863 \mp@footgroupv@r
9864 \ifvoid\@mpfootinsv@l
9865 \else
9866 \vskip\skip\@mpfootins
9867 \normalcolor\mp@LTRfootgroupv@l

```



```

9868 \fi
9869 \fi
9870 \extrafeetendminihook}
9871 \bidi@ensure@newcommand{\extrafeetendminihook}{}
9872 \bidi@ensure@newcommand{\m@mdoextrafeetendmini}{\extrafeetendmini}
9873 \def\endminipage{%
9874 \par
9875 \unskip
9876 \ifvoid\@mpfootins
9877 \global\@bidi@void@\mpfootinstrue
9878 \else
9879 \global\@bidi@void@\mpfootinsfalse
9880 \vskip\skip\@mpfootins
9881 \normalcolor
9882 \footnoterule
9883 \unvbox\@mpfootins
9884 \fi
9885 \m@mdoextrafeetendmini
9886 \@minipagefalse
9887 \color@endgroup
9888 \egroup
9889 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
9890 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
9891 \@namedef{\footstart#1}{%
9892 \bidi@mopfn@bottom
9893 \leftskip=\z@
9894 \rightskip=\z@
9895 \parindent=\z@
9896 \vskip\skip\footins
9897 \footnoterule}}
9898 \newinsert\footinsv@r
9899 \skip\footinsv@r\bigskipamount
9900 \count\footinsv@r=1000 % no magnification
9901 \dimen\footinsv@r=\footinsdim
9902 \m@make@footstart{v@r}
9903 \newinsert\footinsv@l
9904 \skip\footinsv@l\bigskipamount
9905 \bidi@ensure@newcommand{\@footgroupv@r}{}
9906 \newinsert\@mpfootinsv@r
9907 \newinsert\@mpfootinsv@l
9908 \bidi@ensure@newcommand{\mp@footgroupv@r}{}
9909 \newcount\m@m@k \newdimen\m@m@h
9910 \@ifpackageloaded{multicol}{%
9911 \bidi@ensure@newcommand*\{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
9912 \hsizetextwidth
9913 @@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
9914 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
9915 }{%
9916 \bidi@ensure@newcommand*\{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
9917 @@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
9918 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
9919 \bidi@ensure@newcommand*\{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
9920 \global\advance\m@m@k-1\cr\m@mdosplits\fi}
9921 \bidi@ensure@newcommand*\{\m@msplitoff}{\dimen0=\ht0

```



```

9922 \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
9923 \setbox2 \vsplit0 to \dimen0
9924 \unvbox2 }
9925 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
9926 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
9927 \@bidi@before@Hy@hyperfootnotes
9928 \let\@footnotetext\@twocolfootnotetext
9929 \let\@LTRfootnotetext\@twocolLTRfootnotetext
9930 \let\@RTLfootnotetext\@twocolRTLfootnotetext
9931 \dimen\footinsv@r=2\footinsdim
9932 \count\footinsv@r=500\relax
9933 \m@make@twocol@footgroup{v@r}%
9934 \let\@footgroupv@r\@twocol@footgroupv@r
9935 \let\@mpfootnotetext\@mptwocolfootnotetext
9936 \let\@mpLTRfootnotetext\@mptwocolLTRfootnotetext
9937 \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext
9938 \@bidi@after@Hy@hyperfootnotes
9939 \m@make@mptwocol@footgroup{v@r}%
9940 \let\mp@footgroupv@r\@mptwocol@footgroupv@r
9941 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
9942 }
9943 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
9944 \def\baselinestretch{\m@m@footnote@spacing}%
9945 \reset@font\foottextfont
9946 \@preamfntext
9947 \protected@edef\@currentlabel{%
9948 \csname p@footnote\endcsname\@thefnmark}%
9949 \color@begingroup
9950 \@twocolfootfmt{#1}%
9951 \color@endgroup}%
9952 \m@mmf@prepare}
9953 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
9954 \def\baselinestretch{\m@m@footnote@spacing}%
9955 \reset@font\LTRfoottextfont
9956 \@preamfntext
9957 \protected@edef\@currentlabel{%
9958 \csname p@footnote\endcsname\@thefnmark}%
9959 \color@begingroup
9960 \@twocolLTRfootfmt{#1}%
9961 \color@endgroup}%
9962 \m@mmf@prepare}
9963 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
9964 \def\baselinestretch{\m@m@footnote@spacing}%
9965 \reset@font\RTLfoottextfont
9966 \@preamfntext
9967 \protected@edef\@currentlabel{%
9968 \csname p@footnote\endcsname\@thefnmark}%
9969 \color@begingroup
9970 \@twocolRTLfootfmt{#1}%
9971 \color@endgroup}%
9972 \m@mmf@prepare}
9973 \bidi@ensure@newcommand{\@preamtwoftmt}{%
9974 \hsize .45\hsize
9975 \parindent=\z@

```





```

9976 \tolerance=5000\relax
9977 \leavevmode}
9978 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
9979 \@preamtwofmt
9980 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
9981 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
9982 \@preamtwofmt
9983 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
9984 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
9985 \@preamtwofmt
9986 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
9987 \bidi@ensure@newcommand{\@mptwocolfootnotetext}[1]{%
9988 \global\setbox\@mpfootinsv\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9989 \unvbox\@mpfootinsv\@r
9990 \def\baselinestretch{\m@m@footnote@spacing}%
9991 \reset@font\foottextfont
9992 \hsize\columnwidth \@parboxrestore
9993 \protected@edef\@currentlabel{%
9994 \csname p@mpfootnote\endcsname\@thefnmark}%
9995 \color@begingroup
9996 \@twocolfootfmt{#1}%
9997 \color@endgroup}%
9998 \m@m@mmf@prepare}
9999 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
10000 \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
10001 \unvbox\@mpfootinsv\@r
10002 \def\baselinestretch{\m@m@footnote@spacing}%
10003 \reset@font\LTRfoottextfont
10004 \hsize\columnwidth \@parboxrestore
10005 \if@RTLcolumnfootnotes\beginL\fi
10006 \protected@edef\@currentlabel{%
10007 \csname p@mpfootnote\endcsname\@thefnmark}%
10008 \color@begingroup
10009 \@twocolLTRfootfmt{#1}%
10010 \color@endgroup}%
10011 \m@m@mmf@prepare}
10012 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
10013 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
10014 \unvbox\@mpfootinsv\@r
10015 \def\baselinestretch{\m@m@footnote@spacing}%
10016 \reset@font\RTLfoottextfont
10017 \hsize\columnwidth \@parboxrestore
10018 \protected@edef\@currentlabel{%
10019 \csname p@mpfootnote\endcsname\@thefnmark}%
10020 \color@begingroup
10021 \@twocolRTLfootfmt{#1}%
10022 \color@endgroup}%
10023 \m@m@mmf@prepare}
10024 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
10025 \@namedef{\twocol@footgroup#1}{%
10026 \def\baselinestretch{\m@m@footnote@spacing}%
10027 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10028 \m@m@rigidbalance{\@nameuse{footins#1}}{\twocol@{\splittopskip}}}%
10029 \bidi@ensure@newcommand{\m@make@mptwocol@footgroup}[1]{%

```



```

10030 \namedef{@mptwocol@footgroup#1}{%
10031 \def\baselinestretch{\m@footnote@spacing}%
10032 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10033 \m@mrigidbalance{\@nameuse{mpfootins#1}}{\tw@}{\splittopskip}}}%
10034 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
10035 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
10036 \@bidi@before@Hy@hyperfootnotes
10037 \let\@footnotetext\@threecolfootnotetext
10038 \let\@LTRfootnotetext\@threecolLTRfootnotetext
10039 \let\@RTLfootnotetext\@threecolRTLfootnotetext
10040 \dimen\footinsv@r=3\footinsdim
10041 \count\footinsv@r=333\relax
10042 \m@make@threecol@footgroup{v@r}%
10043 \let\@footgroupv@r\@threecol@footgroupv@r
10044 \let\@mpfootnotetext\@mpthreecolfootnotetext
10045 \let\@mpLTRfootnotetext\@mpthreecolLTRfootnotetext
10046 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
10047 \@bidi@after@Hy@hyperfootnotes
10048 \m@make@mpthreecol@footgroup{v@r}%
10049 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r
10050 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10051 }
10052 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTL
10053 \def\baselinestretch{\m@footnote@spacing}%
10054 \reset@font\foottextfont
10055 \@preamfntext
10056 \protected@edef\@currentlabel{%
10057 \csname p@footnote\endcsname\@thefnmark}%
10058 \color@begingroup
10059 \@threecolfootfmt{#1}%
10060 \color@endgroup}\m@mmf@prepare}
10061 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootno
10062 \def\baselinestretch{\m@footnote@spacing}%
10063 \reset@font\LTRfoottextfont
10064 \@preamfntext
10065 \protected@edef\@currentlabel{%
10066 \csname p@footnote\endcsname\@thefnmark}%
10067 \color@begingroup
10068 \@threecolLTRfootfmt{#1}%
10069 \color@endgroup}\m@mmf@prepare}
10070 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10071 \def\baselinestretch{\m@footnote@spacing}%
10072 \reset@font\RTLfoottextfont
10073 \@preamfntext
10074 \protected@edef\@currentlabel{%
10075 \csname p@footnote\endcsname\@thefnmark}%
10076 \color@begingroup
10077 \@threecolRTLfootfmt{#1}%
10078 \color@endgroup}\m@mmf@prepare}
10079 \bidi@ensure@newcommand{\@preamthreelfmt}{%
10080 \hsize .3\hsize
10081 \parindent=\z@
10082 \tolerance=5000\relax
10083 \leavevmode}

```



```

10084 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
10085   \@preamthreefmt
10086   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10087 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
10088   \@preamthreefmt
10089   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10090 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
10091   \@preamthreefmt
10092   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10093 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
10094   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10095     \unvbox\@mpfootinsv@r
10096     \def\baselinestretch{\m@m@footnote@spacing}%
10097     \reset@font\foottextfont
10098     \hsize\columnwidth \@parboxrestore
10099     \protected@edef\@currentlabel{%
10100       \csname p@mpfootnote\endcsname\@thefnmark}%
10101     \color@begingroup
10102       \@threecolfootfmt{#1}%
10103     \color@endgroup}\m@mmf@prepare}
10104 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%
10105   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
10106     \unvbox\@mpfootinsv@r
10107     \def\baselinestretch{\m@m@footnote@spacing}%
10108     \reset@font\LTRfoottextfont
10109     \hsize\columnwidth \@parboxrestore
10110     \if@RTLcolumnfootnotes\beginL\fi
10111     \protected@edef\@currentlabel{%
10112       \csname p@mpfootnote\endcsname\@thefnmark}%
10113     \color@begingroup
10114       \@threecolLTRfootfmt{#1}%
10115     \color@endgroup}\m@mmf@prepare}
10116 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
10117   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
10118     \unvbox\@mpfootinsv@r
10119     \def\baselinestretch{\m@m@footnote@spacing}%
10120     \reset@font\RTLfoottextfont
10121     \hsize\columnwidth \@parboxrestore
10122     \protected@edef\@currentlabel{%
10123       \csname p@mpfootnote\endcsname\@thefnmark}%
10124     \color@begingroup
10125       \@threecolRTLfootfmt{#1}%
10126     \color@endgroup}\m@mmf@prepare}
10127 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
10128   \@namedef{\@threecol@footgroup#1}{%
10129     \def\baselinestretch{\m@m@footnote@spacing}%
10130     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10131     \m@mrighdbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}%
10132 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
10133   \@namedef{\@mpthreecol@footgroup#1}{%
10134     \def\baselinestretch{\m@m@footnote@spacing}%
10135     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10136     \m@mrighdbalance{\@nameuse{\@mpfootins#1}}{\thr@@}{\splittopskip}}}%
10137 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%

```



```

10138 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
10139 \@bidi@before@Hy@hyperfootnotes
10140 \let\@footnotetext\@fourcolfootnotetext
10141 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
10142 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
10143 \dimen\footinsv@r=4\footinsdim
10144 \count\footinsv@r=250\relax
10145 \m@make@fourcol@footgroup{v@r}%
10146 \let\@footgroupv@r\@fourcol@footgroupv@r
10147 \let\@mpfootnotetext\@mpfourcolfootnotetext
10148 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
10149 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
10150 \@bidi@after@Hy@hyperfootnotes
10151 \m@make@mpfourcol@footgroup{v@r}%
10152 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r
10153 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10154 }
10155 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
10156 \def\baselinestretch{\m@footnote@spacing}%
10157 \reset@font\foottextfont
10158 \@preamfntext
10159 \protected@edef\@currentlabel{%
10160 \csname p@footnote\endcsname\@thefnmark}%
10161 \color@begingroup
10162 \@fourcolfootfmt{#1}%
10163 \color@endgroup}%
10164 \m@mmf@prepare}
10165 \bidi@ensure@newcommand{\@fourcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
10166 \def\baselinestretch{\m@footnote@spacing}%
10167 \reset@font\LTRfoottextfont
10168 \@preamfntext
10169 \protected@edef\@currentlabel{%
10170 \csname p@footnote\endcsname\@thefnmark}%
10171 \color@begingroup
10172 \@fourcolLTRfootfmt{#1}%
10173 \color@endgroup}%
10174 \m@mmf@prepare}
10175 \bidi@ensure@newcommand{\@fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10176 \def\baselinestretch{\m@footnote@spacing}%
10177 \reset@font\RTLfoottextfont
10178 \@preamfntext
10179 \protected@edef\@currentlabel{%
10180 \csname p@footnote\endcsname\@thefnmark}%
10181 \color@begingroup
10182 \@fourcolRTLfootfmt{#1}%
10183 \color@endgroup}%
10184 \m@mmf@prepare}
10185 \bidi@ensure@newcommand{\@preamfourfmt}{%
10186 \hsize .25\hsize
10187 \parindent=\z@
10188 \tolerance=5000\relax
10189 \leavevmode}
10190 \bidi@ensure@newcommand{\@fourcolfootfmt}[1]{%
10191 \@preamfourfmt

```



```

10192 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10193 \bidi@ensure@newcommand{\@fourcolLTRfootfmt}[1]{%
10194   \@preamfourfmt
10195   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10196 \bidi@ensure@newcommand{\@fourcolRTLfootfmt}[1]{%
10197   \@preamfourfmt
10198   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10199 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
10200   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10201     \unvbox\@mpfootinsv@r
10202     \def\baselinestretch{\m@m@footnote@spacing}%
10203     \reset@font\foottextfont
10204     \hsize\columnwidth \@parboxrestore
10205     \protected@edef\@currentlabel{%
10206       \csname p@mpfootnote\endcsname\@thefnmark}%
10207   \color@begingroup
10208     \@fourcolfootfmt{#1}%
10209   \color@endgroup}%
10210   \m@m@mmf@prepare}
10211 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%
10212   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
10213     \unvbox\@mpfootinsv@r
10214     \def\baselinestretch{\m@m@footnote@spacing}%
10215     \reset@font\LTRfoottextfont
10216     \hsize\columnwidth \@parboxrestore
10217     \if@RTLcolumnfootnotes\beginL\fi
10218     \protected@edef\@currentlabel{%
10219       \csname p@mpfootnote\endcsname\@thefnmark}%
10220   \color@begingroup
10221     \@fourcolLTRfootfmt{#1}%
10222   \color@endgroup}%
10223   \m@m@mmf@prepare}
10224 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
10225   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
10226     \unvbox\@mpfootinsv@r
10227     \def\baselinestretch{\m@m@footnote@spacing}%
10228     \reset@font\RTLfoottextfont
10229     \hsize\columnwidth \@parboxrestore
10230     \protected@edef\@currentlabel{%
10231       \csname p@mpfootnote\endcsname\@thefnmark}%
10232   \color@begingroup
10233     \@fourcolRTLfootfmt{#1}%
10234   \color@endgroup}%
10235   \m@m@mmf@prepare}
10236 \bidi@ensure@newcommand{\m@make@fourcol@footgroup}[1]{%
10237   \@namedef{\@fourcol@footgroup#1}{%
10238     \def\baselinestretch{\m@m@footnote@spacing}%
10239     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10240     \m@m@rigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}%
10241 \bidi@ensure@newcommand{\m@make@mpfourcol@footgroup}[1]{%
10242   \@namedef{\@mpfourcol@footgroup#1}{%
10243     \def\baselinestretch{\m@m@footnote@spacing}%
10244     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10245     \m@m@rigidbalance{\@nameuse{\@mpfootins#1}}{4}{\splittopskip}}}%

```



```

10246 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
10247   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
10248   \@bidi@before@Hy@hyperfootnotes
10249   \let\@footnotetext\@fivecolfootnotetext
10250   \let\@LTRfootnotetext\@fivecolLTRfootnotetext
10251   \let\@RTLfootnotetext\@fivecolRTLfootnotetext
10252   \dimen\footinsv@r=5\footinsdim
10253   \count\footinsv@r=200\relax
10254   \m@make@fivecol@footgroup{v@r}%
10255   \let\@footgroupv@r\@fivecol@footgroupv@r
10256   \let\@mpfootnotetext\@mpfivecolfootnotetext
10257   \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
10258   \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
10259   \@bidi@after@Hy@hyperfootnotes
10260   \m@make@mpfivecol@footgroup{v@r}%
10261   \let\mp@footgroupv@r\@mpfivecol@footgroupv@r
10262   \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10263 }
10264 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
10265   \def\baselinestretch{\m@f@footnote@spacing}%
10266   \reset@font\foottextfont
10267   \@preamfntext
10268   \protected@edef\@currentlabel{%
10269     \csname p@footnote\endcsname\@thefnmark}%
10270   \color@begingroup
10271     \@fivecolfootfmt{#1}%
10272   \color@endgroup}%
10273   \m@mmf@prepare}
10274 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
10275   \def\baselinestretch{\m@f@footnote@spacing}%
10276   \reset@font\LTRfoottextfont
10277   \@preamfntext
10278   \protected@edef\@currentlabel{%
10279     \csname p@footnote\endcsname\@thefnmark}%
10280   \color@begingroup
10281     \@fivecolLTRfootfmt{#1}%
10282   \color@endgroup}%
10283   \m@mmf@prepare}
10284 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10285   \def\baselinestretch{\m@f@footnote@spacing}%
10286   \reset@font\RTLfoottextfont
10287   \@preamfntext
10288   \protected@edef\@currentlabel{%
10289     \csname p@footnote\endcsname\@thefnmark}%
10290   \color@begingroup
10291     \@fivecolRTLfootfmt{#1}%
10292   \color@endgroup}%
10293   \m@mmf@prepare}
10294 \bidi@ensure@newcommand{\@preamfivefmt}{%
10295   \hsize .2\hsize
10296   \parindent=\z@
10297   \tolerance=5000\relax
10298   \leavevmode}
10299 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%

```



```

10300 \@preamfivefmt
10301 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10302 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
10303 \@preamfivefmt
10304 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10305 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
10306 \@preamfivefmt
10307 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10308 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
10309 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10310 \unvbox\@mpfootinsv@r
10311 \def\baselinestretch{\m@m@footnote@spacing}%
10312 \reset@font\foottextfont
10313 \hsize\columnwidth \@parboxrestore
10314 \protected@edef\@currentlabel{%
10315 \csname p@mpfootnote\endcsname\@thefnmark}%
10316 \color@begingroup
10317 \@fivecolfootfmt{#1}%
10318 \color@endgroup}%
10319 \m@m@mmf@prepare}
10320 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
10321 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
10322 \unvbox\@mpfootinsv@r
10323 \def\baselinestretch{\m@m@footnote@spacing}%
10324 \reset@font\LTRfoottextfont
10325 \hsize\columnwidth \@parboxrestore
10326 \if@RTLcolumnfootnotes\beginL\fi
10327 \protected@edef\@currentlabel{%
10328 \csname p@mpfootnote\endcsname\@thefnmark}%
10329 \color@begingroup
10330 \@fivecolLTRfootfmt{#1}%
10331 \color@endgroup}%
10332 \m@m@mmf@prepare}
10333 \bidi@ensure@newcommand{\@mpfivecolRTLfootnotetext}[1]{%
10334 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
10335 \unvbox\@mpfootinsv@r
10336 \def\baselinestretch{\m@m@footnote@spacing}%
10337 \reset@font\RTLfoottextfont
10338 \hsize\columnwidth \@parboxrestore
10339 \protected@edef\@currentlabel{%
10340 \csname p@mpfootnote\endcsname\@thefnmark}%
10341 \color@begingroup
10342 \@fivecolRTLfootfmt{#1}%
10343 \color@endgroup}%
10344 \m@m@mmf@prepare}
10345 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
10346 \@namedef{@fivecol@footgroup#1}{%
10347 \def\baselinestretch{\m@m@footnote@spacing}%
10348 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10349 \m@r@rigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}%
10350 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
10351 \@namedef{@mpfivecol@footgroup#1}{%
10352 \def\baselinestretch{\m@m@footnote@spacing}%
10353 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```





```

10354 \m@mrigidbalance{\@nameuse{\mpfootins#1}}{5}{\splittopskip}}
10355 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%
10356 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
10357 \@bidi@before@Hy@hyperfootnotes
10358 \let\@footnotetext\@sixcolfootnotetext
10359 \let\@LTRfootnotetext\@sixcolLTRfootnotetext
10360 \let\@RTLfootnotetext\@sixcolRTLfootnotetext
10361 \dimen\footinsv@r=6\footinsdim
10362 \count\footinsv@r=166\relax
10363 \m@make@sixcol@footgroup{v@r}%
10364 \let\@footgroupv@r\@sixcol@footgroupv@r
10365 \let\@mpfootnotetext\@mpsixcolfootnotetext
10366 \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
10367 \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
10368 \@bidi@after@Hy@hyperfootnotes
10369 \m@make@mpsixcol@footgroup{v@r}%
10370 \let\mp@footgroupv@r\@mpsixcol@footgroupv@r
10371 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10372 }
10373 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
10374 \def\baselinestretch{\m@m@footnote@spacing}%
10375 \reset@font\foottextfont
10376 \@preamfntext
10377 \protected@edef\@currentlabel{%
10378 \csname p@footnote\endcsname\@thefnmark}%
10379 \color@begingroup
10380 \@sixcolfootfmt{#1}%
10381 \color@endgroup}%
10382 \m@mmf@prepare}
10383 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
10384 \def\baselinestretch{\m@m@footnote@spacing}%
10385 \reset@font\LTRfoottextfont
10386 \@preamfntext
10387 \protected@edef\@currentlabel{%
10388 \csname p@footnote\endcsname\@thefnmark}%
10389 \color@begingroup
10390 \@sixcolLTRfootfmt{#1}%
10391 \color@endgroup}%
10392 \m@mmf@prepare}
10393 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10394 \def\baselinestretch{\m@m@footnote@spacing}%
10395 \reset@font\RTLfoottextfont
10396 \@preamfntext
10397 \protected@edef\@currentlabel{%
10398 \csname p@footnote\endcsname\@thefnmark}%
10399 \color@begingroup
10400 \@sixcolRTLfootfmt{#1}%
10401 \color@endgroup}%
10402 \m@mmf@prepare}
10403 \bidi@ensure@newcommand{\@preamsixfmt}{%
10404 \hsize .16\hsize
10405 \parindent=\z@
10406 \tolerance=5000\relax
10407 \leavevmode}

```





```

10408 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
10409   \@preamsixfmt
10410   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10411 \bidi@ensure@newcommand{\@sixcollTRfootfmt}[1]{%
10412   \@preamsixfmt
10413   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10414 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
10415   \@preamsixfmt
10416   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10417 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\@
10418   \global\setbox\@mpfootinsv@r\vbox{%
10419     \unvbox\@mpfootinsv@r
10420     \def\baselinestretch{\m@m@footnote@spacing}%
10421     \reset@font\foottextfont
10422     \hsize\columnwidth \@parboxrestore
10423     \protected@edef\@currentlabel{%
10424       \csname p@mpfootnote\endcsname\@thefnmark}%
10425     \color@begingroup
10426       \@sixcolfootfmt{#1}%
10427     \color@endgroup}%
10428     \m@m@mmf@prepare}
10429 \bidi@ensure@newcommand{\@mpsixcollTRfootnotetext}[1]{\@RTLfalse%
10430   \global\setbox\@mpfootinsv@r\vbox{%
10431     \unvbox\@mpfootinsv@r
10432     \def\baselinestretch{\m@m@footnote@spacing}%
10433     \reset@font\LTRfoottextfont
10434     \hsize\columnwidth \@parboxrestore
10435     \if@RTLcolumnfootnotes\beginL\fi
10436     \protected@edef\@currentlabel{%
10437       \csname p@mpfootnote\endcsname\@thefnmark}%
10438     \color@begingroup
10439       \@sixcollTRfootfmt{#1}%
10440     \color@endgroup}%
10441     \m@m@mmf@prepare}
10442 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{\@RTLtrue%
10443   \global\setbox\@mpfootinsv@r\vbox{%
10444     \unvbox\@mpfootinsv@r
10445     \def\baselinestretch{\m@m@footnote@spacing}%
10446     \reset@font\RTLfoottextfont
10447     \hsize\columnwidth \@parboxrestore
10448     \protected@edef\@currentlabel{%
10449       \csname p@mpfootnote\endcsname\@thefnmark}%
10450     \color@begingroup
10451       \@sixcolRTLfootfmt{#1}%
10452     \color@endgroup}%
10453     \m@m@mmf@prepare}
10454 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
10455   \@namedef{\@sixcol@footgroup#1}{%
10456     \def\baselinestretch{\m@m@footnote@spacing}%
10457     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10458     \m@m@rigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}%
10459 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
10460   \@namedef{\@mpsixcol@footgroup#1}{%
10461     \def\baselinestretch{\m@m@footnote@spacing}%

```



```

10462 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10463 \m@mrigidbalance{\@nameuse{mpfootins#1}}{6}{\splittopskip}}}}
10464 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
10465 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
10466 \@bidi@before@Hy@hyperfootnotes
10467 \let\@footnotetext\@sevendcolfootnotetext
10468 \let\@LTRfootnotetext\@sevendcolLTRfootnotetext
10469 \let\@RTLfootnotetext\@sevendcolRTLfootnotetext
10470 \dimen\footinsv@r=7\footinsdim
10471 \count\footinsv@r=142\relax
10472 \m@make@sevendcol@footgroup{v@r}%
10473 \let\@footgroupv@r\@sevendcol@footgroupv@r
10474 \let\@mpfootnotetext\@mpsevendcolfootnotetext
10475 \let\@mpLTRfootnotetext\@mpsevendcolLTRfootnotetext
10476 \let\@mpRTLfootnotetext\@mpsevendcolRTLfootnotetext
10477 \@bidi@after@Hy@hyperfootnotes
10478 \m@make@mpsevendcol@footgroup{v@r}%
10479 \let\mp@footgroupv@r\@mpsevendcol@footgroupv@r
10480 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10481 }
10482 \bidi@ensure@newcommand{\@sevendcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTL
10483 \def\baselinestretch{\m@m@footnote@spacing}%
10484 \reset@font\foottextfont
10485 \@preamfntext
10486 \protected@edef\@currentlabel{%
10487 \csname p@footnote\endcsname\@thefnmark}%
10488 \color@begingroup
10489 \@sevendcolfootfmt{#1}%
10490 \color@endgroup}%
10491 \m@mmf@prepare}
10492 \bidi@ensure@newcommand{\@sevendcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootno
10493 \def\baselinestretch{\m@m@footnote@spacing}%
10494 \reset@font\LTRfoottextfont
10495 \@preamfntext
10496 \protected@edef\@currentlabel{%
10497 \csname p@footnote\endcsname\@thefnmark}%
10498 \color@begingroup
10499 \@sevendcolLTRfootfmt{#1}%
10500 \color@endgroup}%
10501 \m@mmf@prepare}
10502 \bidi@ensure@newcommand{\@sevendcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10503 \def\baselinestretch{\m@m@footnote@spacing}%
10504 \reset@font\RTLfoottextfont
10505 \@preamfntext
10506 \protected@edef\@currentlabel{%
10507 \csname p@footnote\endcsname\@thefnmark}%
10508 \color@begingroup
10509 \@sevendcolRTLfootfmt{#1}%
10510 \color@endgroup}%
10511 \m@mmf@prepare}
10512 \bidi@ensure@newcommand{\@preamsevenfmt}{%
10513 \hspace{.142\hspace}
10514 \parindent=\z@
10515 \tolerance=5000\relax

```



```

10516 \leavevmode}
10517 \bidi@ensure@newcommand{\@sevencolfootfmt}[1]{%
10518 \@preamsevenfmt
10519 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10520 \bidi@ensure@newcommand{\@sevencolLTRfootfmt}[1]{%
10521 \@preamsevenfmt
10522 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10523 \bidi@ensure@newcommand{\@sevencolRTLfootfmt}[1]{%
10524 \@preamsevenfmt
10525 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10526 \bidi@ensure@newcommand{\@mpsevencolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse%
10527 \global\setbox\@mpfootinsv@r\vbox{%
10528 \unvbox\@mpfootinsv@r
10529 \def\baselinestretch{\m@m@footnote@spacing}%
10530 \reset@font\foottextfont
10531 \hsize\columnwidth \@parboxrestore
10532 \protected@edef\@currentlabel{%
10533 \csname p@mpfootnote\endcsname\@thefnmark}%
10534 \color@begingroup
10535 \@sevencolfootfmt{#1}%
10536 \color@endgroup}%
10537 \m@m@mmf@prepare}
10538 \bidi@ensure@newcommand{\@mpsevencolLTRfootnotetext}[1]{\@RTLfalse%
10539 \global\setbox\@mpfootinsv@r\vbox{%
10540 \unvbox\@mpfootinsv@r
10541 \def\baselinestretch{\m@m@footnote@spacing}%
10542 \reset@font\LTRfoottextfont
10543 \hsize\columnwidth \@parboxrestore
10544 \if@RTLcolumnfootnotes\beginLfi
10545 \protected@edef\@currentlabel{%
10546 \csname p@mpfootnote\endcsname\@thefnmark}%
10547 \color@begingroup
10548 \@sevencolLTRfootfmt{#1}%
10549 \color@endgroup}%
10550 \m@m@mmf@prepare}
10551 \bidi@ensure@newcommand{\@mpsevencolRTLfootnotetext}[1]{\@RTLtrue%
10552 \global\setbox\@mpfootinsv@r\vbox{%
10553 \unvbox\@mpfootinsv@r
10554 \def\baselinestretch{\m@m@footnote@spacing}%
10555 \reset@font\RTLfoottextfont
10556 \hsize\columnwidth \@parboxrestore
10557 \protected@edef\@currentlabel{%
10558 \csname p@mpfootnote\endcsname\@thefnmark}%
10559 \color@begingroup
10560 \@sevencolRTLfootfmt{#1}%
10561 \color@endgroup}%
10562 \m@m@mmf@prepare}
10563 \bidi@ensure@newcommand{\m@make@sevencol@footgroup}[1]{%
10564 \@namedef{\@sevencol@footgroup#1}{%
10565 \def\baselinestretch{\m@m@footnote@spacing}%
10566 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10567 \m@m@rigidbalance{\@nameuse{footins#1}}{7}{\splittopskip}}}
10568 \bidi@ensure@newcommand{\m@make@mpsevencol@footgroup}[1]{%
10569 \@namedef{\@mpsevencol@footgroup#1}{%

```



```

10570 \def\baselinestretch{\m@m@footnote@spacing}%
10571 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10572 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}}
10573 \bidi@ensure@newcommand{\eightcolumnfootnotes}{%
10574 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
10575 \@bidi@before@Hy@hyperfootnotes
10576 \let\@footnotetext\@eightcolfootnotetext
10577 \let\@LTRfootnotetext\@eightcolLTRfootnotetext
10578 \let\@RTLfootnotetext\@eightcolRTLfootnotetext
10579 \dimen\footinsv@r=8\footinsdim
10580 \count\footinsv@r=125\relax
10581 \m@make@eightcol@footgroup{v@r}%
10582 \let\@footgroupv@r\@eightcol@footgroupv@r
10583 \let\@mpfootnotetext\@mpeightcolfootnotetext
10584 \let\@mpLTRfootnotetext\@mpeightcolLTRfootnotetext
10585 \let\@mpRTLfootnotetext\@mpeightcolRTLfootnotetext
10586 \@bidi@after@Hy@hyperfootnotes
10587 \m@make@mpeightcol@footgroup{v@r}%
10588 \let\mp@footgroupv@r\@mpeightcol@footgroupv@r
10589 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10590 }
10591 \bidi@ensure@newcommand{\@eightcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTL
10592 \def\baselinestretch{\m@m@footnote@spacing}%
10593 \reset@font\foottextfont
10594 \@preamfntext
10595 \protected@edef\@currentlabel{%
10596 \csname p@footnote\endcsname\@thefnmark}%
10597 \color@begingroup
10598 \@eightcolfootfmt{#1}%
10599 \color@endgroup}%
10600 \m@m@mmf@prepare}
10601 \bidi@ensure@newcommand{\@eightcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootno
10602 \def\baselinestretch{\m@m@footnote@spacing}%
10603 \reset@font\LTRfoottextfont
10604 \@preamfntext
10605 \protected@edef\@currentlabel{%
10606 \csname p@footnote\endcsname\@thefnmark}%
10607 \color@begingroup
10608 \@eightcolLTRfootfmt{#1}%
10609 \color@endgroup}%
10610 \m@m@mmf@prepare}
10611 \bidi@ensure@newcommand{\@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10612 \def\baselinestretch{\m@m@footnote@spacing}%
10613 \reset@font\RTLfoottextfont
10614 \@preamfntext
10615 \protected@edef\@currentlabel{%
10616 \csname p@footnote\endcsname\@thefnmark}%
10617 \color@begingroup
10618 \@eightcolRTLfootfmt{#1}%
10619 \color@endgroup}%
10620 \m@m@mmf@prepare}
10621 \bidi@ensure@newcommand{\@preameightfmt}{%
10622 \hspace{.125\hspace}
10623 \parindent=\z@

```



```

10624 \tolerance=5000\relax
10625 \leavevmode}
10626 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
10627   \@preameightfmt
10628   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10629 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
10630   \@preameightfmt
10631   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10632 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
10633   \@preameightfmt
10634   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10635 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
10636   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10637     \unvbox\@mpfootinsv@r
10638     \def\baselinestretch{\m@m@footnote@spacing}%
10639     \reset@font\foottextfont
10640     \hsize\columnwidth \@parboxrestore
10641     \protected@edef\@currentlabel{%
10642       \csname p@mpfootnote\endcsname\@thefnmark}%
10643     \color@begingroup
10644       \@eightcolfootfmt{#1}%
10645     \color@endgroup}%
10646   \m@m@mmf@prepare}
10647 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
10648   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
10649     \unvbox\@mpfootinsv@r
10650     \def\baselinestretch{\m@m@footnote@spacing}%
10651     \reset@font\LTRfoottextfont
10652     \hsize\columnwidth \@parboxrestore
10653     \if@RTLcolumnfootnotes\beginL\fi
10654     \protected@edef\@currentlabel{%
10655       \csname p@mpfootnote\endcsname\@thefnmark}%
10656     \color@begingroup
10657       \@eightcolLTRfootfmt{#1}%
10658     \color@endgroup}%
10659   \m@m@mmf@prepare}
10660 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
10661   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
10662     \unvbox\@mpfootinsv@r
10663     \def\baselinestretch{\m@m@footnote@spacing}%
10664     \reset@font\RTLfoottextfont
10665     \hsize\columnwidth \@parboxrestore
10666     \protected@edef\@currentlabel{%
10667       \csname p@mpfootnote\endcsname\@thefnmark}%
10668     \color@begingroup
10669       \@eightcolRTLfootfmt{#1}%
10670     \color@endgroup}%
10671   \m@m@mmf@prepare}
10672 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
10673   \@namedef{\@eightcol@footgroup#1}{%
10674     \def\baselinestretch{\m@m@footnote@spacing}%
10675     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10676     \m@r@rigidbalance{\@nameuse{footins#1}}{8}{\splittopskip}}}%
10677 \bidi@ensure@newcommand{\m@make@mpeightcol@footgroup}[1]{%

```



```

10678 \namedef{@mpeightcol@footgroup#1}{%
10679 \def\baselinestretch{\m@m@footnote@spacing}%
10680 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10681 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{8}{\splittopskip}}
10682 \bidi@ensure@newcommand{\ninecolumnfootnotes}{%
10683 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
10684 \@bidi@before@Hy@hyperfootnotes
10685 \let\@footnotetext\@ninecolfootnotetext
10686 \let\@LTRfootnotetext\@ninecolLTRfootnotetext
10687 \let\@RTLfootnotetext\@ninecolRTLfootnotetext
10688 \dimen\footinsv@r=9\footinsdim
10689 \count\footinsv@r=111\relax
10690 \m@make@ninecol@footgroup{v@r}%
10691 \let\@footgroupv@r\@ninecol@footgroupv@r
10692 \let\@mpfootnotetext\@mpninecolfootnotetext
10693 \let\@mpLTRfootnotetext\@mpninecolLTRfootnotetext
10694 \let\@mpRTLfootnotetext\@mpninecolRTLfootnotetext
10695 \@bidi@after@Hy@hyperfootnotes
10696 \m@make@mpninecol@footgroup{v@r}%
10697 \let\mp@footgroupv@r\@mpninecol@footgroupv@r
10698 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10699 }
10700 \bidi@ensure@newcommand{\@ninecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
10701 \def\baselinestretch{\m@m@footnote@spacing}%
10702 \reset@font\foottextfont
10703 \@preamfntext
10704 \protected@edef\@currentlabel{%
10705 \csname p@footnote\endcsname\@thefnmark}%
10706 \color@begingroup
10707 \@ninecolfootfmt{#1}%
10708 \color@endgroup}%
10709 \m@mmf@prepare}
10710 \bidi@ensure@newcommand{\@ninecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
10711 \def\baselinestretch{\m@m@footnote@spacing}%
10712 \reset@font\LTRfoottextfont
10713 \@preamfntext
10714 \protected@edef\@currentlabel{%
10715 \csname p@footnote\endcsname\@thefnmark}%
10716 \color@begingroup
10717 \@ninecolLTRfootfmt{#1}%
10718 \color@endgroup}%
10719 \m@mmf@prepare}
10720 \bidi@ensure@newcommand{\@ninecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10721 \def\baselinestretch{\m@m@footnote@spacing}%
10722 \reset@font\RTLfoottextfont
10723 \@preamfntext
10724 \protected@edef\@currentlabel{%
10725 \csname p@footnote\endcsname\@thefnmark}%
10726 \color@begingroup
10727 \@ninecolRTLfootfmt{#1}%
10728 \color@endgroup}%
10729 \m@mmf@prepare}
10730 \bidi@ensure@newcommand{\@preamninefmt}{%
10731 \hspace .1\hspace

```



```

10732 \parindent=\z@
10733 \tolerance=5000\relax
10734 \leavevmode}
10735 \bidi@ensure@newcommand{\@ninecolfootfmt}[1]{%
10736 \@preamninefmt
10737 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10738 \bidi@ensure@newcommand{\@ninecolLTRfootfmt}[1]{%
10739 \@preamninefmt
10740 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10741 \bidi@ensure@newcommand{\@ninecolRTLfootfmt}[1]{%
10742 \@preamninefmt
10743 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10744 \bidi@ensure@newcommand{\@mpninecolfootnotetext}[1]{%
10745 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10746 \unvbox\@mpfootinsv@r
10747 \def\baselinestretch{\m@m@footnote@spacing}%
10748 \reset@font\foottextfont
10749 \hsize\columnwidth \@parboxrestore
10750 \protected@edef\@currentlabel{%
10751 \csname p@mpfootnote\endcsname\@thefnmark}%
10752 \color@begingroup
10753 \@ninecolfootfmt{#1}%
10754 \color@endgroup}%
10755 \m@m@mmf@prepare}
10756 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
10757 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
10758 \unvbox\@mpfootinsv@r
10759 \def\baselinestretch{\m@m@footnote@spacing}%
10760 \reset@font\LTRfoottextfont
10761 \hsize\columnwidth \@parboxrestore
10762 \if@RTLcolumnfootnotes\beginL\fi
10763 \protected@edef\@currentlabel{%
10764 \csname p@mpfootnote\endcsname\@thefnmark}%
10765 \color@begingroup
10766 \@ninecolLTRfootfmt{#1}%
10767 \color@endgroup}%
10768 \m@m@mmf@prepare}
10769 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
10770 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
10771 \unvbox\@mpfootinsv@r
10772 \def\baselinestretch{\m@m@footnote@spacing}%
10773 \reset@font\RTLfoottextfont
10774 \hsize\columnwidth \@parboxrestore
10775 \protected@edef\@currentlabel{%
10776 \csname p@mpfootnote\endcsname\@thefnmark}%
10777 \color@begingroup
10778 \@ninecolRTLfootfmt{#1}%
10779 \color@endgroup}%
10780 \m@m@mmf@prepare}
10781 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
10782 \@namedef{\@ninecol@footgroup#1}{%
10783 \def\baselinestretch{\m@m@footnote@spacing}%
10784 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10785 \m@m@rigidbalance{\@nameuse{footins#1}}{9}{\splittopskip}}}%

```





```

10786 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
10787 \@namedef{\mpninecol@footgroup#1}{%
10788 \def\baselinestretch{\m@footnote@spacing}%
10789 \@nameuse{\foottextfont#1} \splittopskip=\ht\strutbox
10790 \m@mrigidbalance{\@nameuse{\mpfootins#1}}{9}{\splittopskip}}}%
10791 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
10792 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
10793 \@bidi@before@Hy@hyperfootnotes
10794 \let\@footnotetext\@tencolfootnotetext
10795 \let\@LTRfootnotetext\@tencolLTRfootnotetext
10796 \let\@RTLfootnotetext\@tencolRTLfootnotetext
10797 \dimen\footinsv@r=10\footinsdim
10798 \count\footinsv@r=100\relax
10799 \m@make@tencol@footgroup{v@r}%
10800 \let\@footgroupv@r\@tencol@footgroupv@r
10801 \let\@mpfootnotetext\@mptencolfootnotetext
10802 \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
10803 \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
10804 \@bidi@after@Hy@hyperfootnotes
10805 \m@make@mptencol@footgroup{v@r}%
10806 \let\mp@footgroupv@r\@mptencol@footgroupv@r
10807 \@ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
10808 }
10809 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
10810 \def\baselinestretch{\m@footnote@spacing}%
10811 \reset@font\foottextfont
10812 \@preamfntext
10813 \protected@edef\@currentlabel{%
10814 \csname p@footnote\endcsname\@thefnmark}%
10815 \color@begingroup
10816 \@tencolfootfmt{#1}%
10817 \color@endgroup}%
10818 \m@mmf@prepare}
10819 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
10820 \def\baselinestretch{\m@footnote@spacing}%
10821 \reset@font\LTRfoottextfont
10822 \@preamfntext
10823 \protected@edef\@currentlabel{%
10824 \csname p@footnote\endcsname\@thefnmark}%
10825 \color@begingroup
10826 \@tencolLTRfootfmt{#1}%
10827 \color@endgroup}%
10828 \m@mmf@prepare}
10829 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
10830 \def\baselinestretch{\m@footnote@spacing}%
10831 \reset@font\RTLfoottextfont
10832 \@preamfntext
10833 \protected@edef\@currentlabel{%
10834 \csname p@footnote\endcsname\@thefnmark}%
10835 \color@begingroup
10836 \@tencolRTLfootfmt{#1}%
10837 \color@endgroup}%
10838 \m@mmf@prepare}
10839 \bidi@ensure@newcommand{\@preamtenfmt}{%

```





```

10840 \hsize .1\hsize
10841 \parindent=\z@
10842 \tolerance=5000\relax
10843 \leavevmode}
10844 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
10845 \@preamtenfmt
10846 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
10847 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
10848 \@preamtenfmt
10849 {\LTRfootfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
10850 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
10851 \@preamtenfmt
10852 {\RTLfootfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
10853 \bidi@ensure@newcommand{\@mptencolfootnotetext}[1]{%
10854 \global\setbox\@mpfootinsv\@r\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
10855 \unvbox\@mpfootinsv\@r
10856 \def\baselinestretch{\m@m@footnote@spacing}%
10857 \reset@font\foottextfont
10858 \hsize\columnwidth \@parboxrestore
10859 \protected@edef\@currentlabel{%
10860 \csname p@mpfootnote\endcsname\@thefnmark}%
10861 \color@begingroup
10862 \@tencolfootfmt{#1}%
10863 \color@endgroup}%
10864 \m@m@mmf@prepare}
10865 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
10866 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLfalse%
10867 \unvbox\@mpfootinsv\@r
10868 \def\baselinestretch{\m@m@footnote@spacing}%
10869 \reset@font\LTRfoottextfont
10870 \hsize\columnwidth \@parboxrestore
10871 \if@RTLcolumnfootnotes\beginL\fi
10872 \protected@edef\@currentlabel{%
10873 \csname p@mpfootnote\endcsname\@thefnmark}%
10874 \color@begingroup
10875 \@tencolLTRfootfmt{#1}%
10876 \color@endgroup}%
10877 \m@m@mmf@prepare}
10878 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
10879 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLtrue%
10880 \unvbox\@mpfootinsv\@r
10881 \def\baselinestretch{\m@m@footnote@spacing}%
10882 \reset@font\RTLfoottextfont
10883 \hsize\columnwidth \@parboxrestore
10884 \protected@edef\@currentlabel{%
10885 \csname p@mpfootnote\endcsname\@thefnmark}%
10886 \color@begingroup
10887 \@tencolRTLfootfmt{#1}%
10888 \color@endgroup}%
10889 \m@m@mmf@prepare}
10890 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
10891 \@namedef{\@tencol@footgroup#1}{%
10892 \def\baselinestretch{\m@m@footnote@spacing}%
10893 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```



```

10894 \m@r rigidbalance{\@nameuse{footins#1}}{10}{\splittopskip}}
10895 \bidi@ensure@newcommand{\m@make@mptencol@footgroup}[1]{%
10896 \@namedef{@mptencol@footgroup#1}{%
10897 \def\baselinestretch{\m@m@footnote@spacing}%
10898 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
10899 \m@r rigidbalance{\@nameuse{mpfootins#1}}{10}{\splittopskip}}
10900 \bidi@ensure@newcommand{\m@munvxh}[1]{%
10901 \setbox0=\vbox{\unvbox#1%
10902 \global\setbox1=\lastbox}%
10903 \unhbox1
10904 \unskip
10905 \unskip
10906 \unpenalty
10907 \hskip\m@mipn@skip}
10908 \bidi@ensure@newcommand{\m@mungebox}{%
10909 \setbox0=\hbox{\m@munvxh0}%
10910 \dp0=\z@
10911 \ht0=\footfudgefactor\wd0
10912 \box0
10913 \penalty0}
10914 \newskip\m@mipn@skip
10915 \bidi@ensure@newcommand*{\m@minterparanoteglua}[1]{%
10916 {\foottextfont\global\m@mipn@skip=#1\relax}}
10917 \m@minterparanoteglua{1em plus.4em minus.4em}
10918 \@ifpackageloaded{multicol}{%
10919 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
10920 \hsize\textwidth%
10921 \setbox0=\hbox{}%
10922 \loop
10923 \unpenalty
10924 \setbox2=\lastbox
10925 \ifhbox2
10926 \setbox0=\hbox{\box2\unhbox0}
10927 \repeat}
10928 }{%
10929 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
10930 \setbox0=\hbox{}%
10931 \loop
10932 \unpenalty
10933 \setbox2=\lastbox
10934 \ifhbox2
10935 \setbox0=\hbox{\box2\unhbox0}
10936 \repeat}}
10937 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
10938 \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
10939 \newcommand*{\AddExtraParaSkip}[1]{%
10940 \if@bidi@csdef{footfudgefactor}{%
10941 \PackageError{bidi}{%
10942 The control sequence `string\AddExtraParaSkip`
10943 must be used before the control sequence
10944 `string\paragraphfootnotes' in the preamble%
10945 }\@ehc
10946 }{%
10947 \def\bidi@xparaskip{\advance\@tempdima#1\relax}%

```



```

10948 }%
10949 }
10950 \bidi@ensure@newcommand{\paragraphfootnotes}{%
10951 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
10952 \@bidi@before@Hy@hyperfootnotes
10953 \let\@footnotetext\@parafootnotetext
10954 \let\@LTRfootnotetext\@paraLTRfootnotetext
10955 \let\@RTLfootnotetext\@paraRTLfootnotetext
10956 \dimen\footinsv@r=\footinsdim
10957 \count\footinsv@r=1000\relax
10958 \m@make@para@footgroup{v@r}%
10959 \m@make@para@footstart{v@r}%
10960 \let\@footgroupv@r\@para@footgroupv@r
10961 \let\@footstartv@r\@para@footstartv@r
10962 \dimen\footinsv@l=\footinsdim
10963 \count\footinsv@l=1000\relax
10964 \bidi@make@para@LTRfootgroup{v@l}%
10965 \m@make@para@footstart{v@l}%
10966 \bidi@make@para@footstart@@{v@l}%
10967 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
10968 \let\@footstartv@l\@para@footstartv@l
10969 \let\@@footstart@@v@l\@para@footstart@@v@l
10970 \let\@mpfootnotetext\@mpparafootnotetext
10971 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
10972 \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
10973 \@bidi@after@Hy@hyperfootnotes
10974 \m@make@mppara@footgroup{v@r}%
10975 \bidi@make@mppara@LTRfootgroup{v@l}%
10976 \let\mp@footgroupv@r\@mppara@footgroupv@r
10977 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
10978 \begingroup
10979 \def\baselinestretch{\m@m@footnote@spacing}%
10980 \foottextfont
10981 \@tempdima\footnotesep
10982 \advance\@tempdima -\ht\strutbox
10983 \ifdim\@tempdima<\z@ \@tempdima\z@ \fi
10984 \advance\@tempdima.5\normalbaselineskip
10985 \bidi@xparaskip
10986 \xdef\bidi@paraskip{\the\@tempdima\relax}%
10987 \ifdim\skip\footinsv@r>\bigskipamount
10988 \else
10989 \global\advance\skip\footinsv@r\bidi@paraskip
10990 \fi
10991 \ifdim\skip\footinsv@l>\bigskipamount
10992 \else
10993 \global\advance\skip\footinsv@l\bidi@paraskip
10994 \fi
10995 \@tempdima\normalbaselineskip
10996 \multiply \@tempdima \@cclvi
10997 \@tempdimb \columnwidth
10998 \divide \@tempdimb \@cclvi
10999 \divide \@tempdima \@tempdimb
11000 \xdef\footfudgefactor{\strip@pt\@tempdima}%
11001 \endgroup

```



```

11002 \ifstar\bidi@star@footmarkwidth\bidi@normal@footmarkwidth
11003 }
11004 \newcommand{\normalRTLparaLTRfootnotes}{%
11005 \@namedef{foottextfontv@r}{\foottextfont}%
11006 \@bidi@before@Hy@hyperfootnotes
11007 \if@RTL@footnote
11008 \let\@footnotetext\m@mold@footnotetext
11009 \else
11010 \let\@footnotetext\@parafootnotetext
11011 \fi
11012 \let\@LTRfootnotetext\@paraLTRfootnotetext
11013 \let\@RTLfootnotetext\m@mold@RTLfootnotetext
11014 \dimen\footinsv@r=\footinsdim
11015 \count\footinsv@r=1000\relax
11016 \m@make@para@footgroup{v@r}%
11017 \m@make@para@footstart{v@r}%
11018 \let\@footgroupv@r\@para@footgroupv@r
11019 \let\@footstartv@r\@para@footstartv@r
11020 \dimen\footinsv@l=\footinsdim
11021 \count\footinsv@l=1000\relax
11022 \bidi@make@para@LTRfootgroup{v@l}%
11023 \m@make@para@footstart{v@l}%
11024 \bidi@make@para@footstart@@{v@l}%
11025 \let\@LTRfootgroupv@l\@para@LTRfootgroupv@l
11026 \let\@footstartv@l\@para@footstartv@l
11027 \let\@footstart@@v@l\@para@footstart@@v@l
11028 \if@RTL@footnote
11029 \let\@mpfootnotetext\m@mold@mpfootnotetext
11030 \else
11031 \let\@mpfootnotetext\@mpparafootnotetext
11032 \fi
11033 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
11034 \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext
11035 \@bidi@after@Hy@hyperfootnotes
11036 \m@make@mppara@footgroup{v@r}%
11037 \bidi@make@mppara@LTRfootgroup{v@l}%
11038 \let\mp@footgroupv@r\@mppara@footgroupv@r
11039 \let\mp@LTRfootgroupv@l\@mppara@LTRfootgroupv@l
11040 \begingroup
11041 \def\baselinestretch{\m@m@footnote@spacing}%
11042 \foottextfont
11043 \@tempdima\footnotesep
11044 \advance\@tempdima -\ht\strutbox
11045 \ifdim\@tempdima<\z@ \@tempdima\z@ \fi
11046 \advance\@tempdima.5\normalbaselineskip
11047 \bidi@xparaskip
11048 \xdef\bidi@paraskip{\the\@tempdima\relax}%
11049 \ifdim\skip\footinsv@r>\bigskipamount
11050 \else
11051 \global\advance\skip\footinsv@r\bidi@paraskip
11052 \fi
11053 \ifdim\skip\footinsv@l>\bigskipamount
11054 \else
11055 \global\advance\skip\footinsv@l\bidi@paraskip

```



```

11056 \fi
11057 \@tempdima\normalbaselineskip
11058 \multiply \@tempdima \@cclvi
11059 \@tempdimb \columnwidth
11060 \divide \@tempdimb \@cclvi
11061 \divide \@tempdima \@tempdimb
11062 \xdef\footfudgefactor{\strip@pt\@tempdima}%
11063 \endgroup
11064 \ifstar\bidistar@footmarkwidth\bidinormal@footmarkwidth
11065 }
11066 \let\bidixparaskip\relax
11067 \onlypreamble\AddExtraParaSkip
11068 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert
11069 \if@RTL@footnote
11070 \footinsv@r
11071 \else
11072 \footinsv@l
11073 \fi
11074 {%
11075 \let\bidir@RTL@everypar\@empty%
11076 \def\baselinestretch{\m@m@footnote@spacing}%
11077 \reset@font\foottextfont
11078 \@preamfntext
11079 \protected@edef\@currentlabel{%
11080 \csname p@footnote\endcsname\@thefnmark}%
11081 \setbox0=\vbox{\hsize=\maxdimen
11082 \color@begingroup
11083 \noindent \@parafootfmt{#1}%
11084 \color@endgroup}%
11085 \m@mungebox}\m@mmf@prepare}
11086 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@l{%
11087 \let\bidir@RTL@everypar\@empty%
11088 \def\baselinestretch{\m@m@footnote@spacing}%
11089 \reset@font\LTRfoottextfont
11090 \@preamfntext
11091 \protected@edef\@currentlabel{%
11092 \csname p@footnote\endcsname\@thefnmark}%
11093 \setbox0=\vbox{\hsize=\maxdimen
11094 \color@begingroup
11095 \noindent \@paraLTRfootfmt{#1}%
11096 \color@endgroup}%
11097 \m@mungebox}\m@mmf@prepare}
11098 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{%
11099 \let\bidir@RTL@everypar\@empty%
11100 \def\baselinestretch{\m@m@footnote@spacing}%
11101 \reset@font\RTLfoottextfont
11102 \@preamfntext
11103 \protected@edef\@currentlabel{%
11104 \csname p@footnote\endcsname\@thefnmark}%
11105 \setbox0=\vbox{\hsize=\maxdimen
11106 \color@begingroup
11107 \noindent \@paraRTLfootfmt{#1}%
11108 \color@endgroup}%
11109 \m@mungebox}\m@mmf@prepare}

```



```

11110 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
11111   \parindent=\z@
11112   \parfillskip=0pt \@plus 1fil
11113   {\footfootmark\strut {\foottextfont #1}\penalty-10}}
11114 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
11115   \parindent=\z@
11116   \parfillskip=0pt \@plus 1fil
11117   {\LTRfootfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
11118 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
11119   \parindent=\z@
11120   \parfillskip=0pt \@plus 1fil
11121   {\RTLfootfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
11122 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
11123   \global\setbox
11124   \if@RTL@footnote
11125     \@mpfootinsv@r
11126   \else
11127     \@mpfootinsv@l
11128   \fi
11129   \vbox{%
11130     \let\bidi@RTL@everypar\@empty%
11131     \def\baselinestretch{\m@m@footnote@spacing}%
11132     \unvbox
11133     \if@RTL@footnote
11134       \@mpfootinsv@r
11135     \else
11136       \@mpfootinsv@l
11137     \fi
11138     \reset@font\foottextfont
11139     \hsize\columnwidth \@parboxrestore
11140     \protected@edef\@currentlabel{%
11141       \csname p@mpfootnote\endcsname\@thefnmark}%
11142     \setbox0=\vbox{\hsize=\maxdimen
11143       \color@begingroup
11144       \noindent \@parafootfmt{#1}%
11145       \color@endgroup}%
11146     \m@mungebox}\m@mmf@prepare}
11147 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
11148   \global\setbox\@mpfootinsv@l\vbox{%
11149     \let\bidi@RTL@everypar\@empty%
11150     \def\baselinestretch{\m@m@footnote@spacing}%
11151     \unvbox\@mpfootinsv@l
11152     \reset@font\LTRfoottextfont
11153     \hsize\columnwidth \@parboxrestore
11154     \protected@edef\@currentlabel{%
11155       \csname p@mpfootnote\endcsname\@thefnmark}%
11156     \setbox0=\vbox{\hsize=\maxdimen
11157       \color@begingroup
11158       \noindent \@paraLTRfootfmt{#1}%
11159       \color@endgroup}%
11160     \m@mungebox}\m@mmf@prepare}
11161 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
11162   \global\setbox\@mpfootinsv@r\vbox{%
11163     \let\bidi@RTL@everypar\@empty%

```



```

11164 \def\baselinestretch{\m@m@footnote@spacing}%
11165 \unvbox\@mpfootinsv@r
11166 \reset@font\RTLfoottextfont
11167 \hsize\columnwidth \@parboxrestore
11168 \protected@edef\@currentlabel{%
11169 \csname p@mpfootnote\endcsname\@thefnmark}%
11170 \setbox0=\vbox{\hsize=\maxdimen
11171 \color@begingroup
11172 \noindent \@paraRTLfootfmt{#1}%
11173 \color@endgroup}%
11174 \m@mungebox}\m@mmf@prepare}
11175 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
11176 \@namedef{@para@footgroup#1}{%
11177 \unvbox\@nameuse{footins#1}
11178 \@RTLtrue
11179 \m@mmakehboxofhboxes
11180 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
11181 \@parboxrestore%
11182 \def\baselinestretch{\m@m@footnote@spacing}%
11183 \@nameuse{foottextfont#1}%
11184 \noindent\unhbox0\par}}
11185 \bidi@ensure@newcommand{\bidi@make@para@LTRfootgroup}[1]{%
11186 \@namedef{@para@LTRfootgroup#1}{%
11187 \unvbox\@nameuse{footins#1}
11188 \@RTLfalse
11189 \m@mmakehboxofhboxes
11190 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
11191 \@parboxrestore%
11192 \def\baselinestretch{\m@m@footnote@spacing}%
11193 \@nameuse{foottextfont#1}%
11194 \noindent\unhbox0\par}}
11195 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
11196 \@namedef{@mppara@footgroup#1}{%
11197 \unvbox\@nameuse{@mpfootins#1}
11198 \@RTLtrue
11199 \m@mmakehboxofhboxes
11200 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
11201 \def\baselinestretch{\m@m@footnote@spacing}%
11202 \@nameuse{foottextfont#1}%
11203 \noindent\unhbox0\par}}
11204 \bidi@ensure@newcommand{\bidi@make@mppara@LTRfootgroup}[1]{%
11205 \@namedef{@mppara@LTRfootgroup#1}{%
11206 \unvbox\@nameuse{@mpfootins#1}
11207 \@RTLfalse
11208 \m@mmakehboxofhboxes
11209 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
11210 \def\baselinestretch{\m@m@footnote@spacing}%
11211 \@nameuse{foottextfont#1}%
11212 \noindent\unhbox0\par}}
11213 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
11214 \@namedef{@para@footstart#1}{%
11215 \if@bidi@void@footins
11216 \bidi@mopfn@bottom
11217 \fi

```



```

11218 \leftskip=\z@
11219 \rightskip=\z@
11220 \parindent=\z@
11221 \vskip\skip\footins
11222 \if@bidi@void@footins
11223   \footnoterule
11224 \fi}}
11225 \bidi@ensure@newcommand{\bidi@make@para@footstart@@}[1]{%
11226 \@namedef{@para@footstart@@#1}{%
11227   \leftskip=\z@
11228   \rightskip=\z@
11229   \parindent=\z@
11230   \vskip\skip\footins}}
11231 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
11232 \xdef\@freelist{\@freelist\@midlist}%
11233 \global\let\@midlist\@empty
11234 \@combinefloats}
11235 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
11236 \ifvbox\@kludgeins
11237   \@makespecialcolbox
11238 \else
11239   \setbox\@outputbox \vbox to\@colht{%
11240     \@texttop
11241     \dimen@ \dp\@outputbox
11242     \unvbox \@outputbox
11243     \vskip -\dimen@
11244     \@textbottom}%
11245 \fi}
11246 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
11247 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
11248   \boxmaxdepth\@maxdepth
11249   \@tempdima\dp\@cclv
11250   \unvbox\@cclv
11251   \vskip-\@tempdima
11252   \bidi@mopfn@bottom
11253   \vskip \skip\footins
11254   \color@begingroup
11255     \normalcolor
11256     \footnoterule
11257     \unvbox \footins
11258   \color@endgroup
11259 }%
11260 }
11261 \newcommand*{\bidi@mopfootnotebf}{%
11262 \setbox\@outputbox \vbox{%
11263   \boxmaxdepth\@maxdepth
11264   \unvbox\@outputbox
11265   \bidi@mopfn@bottom
11266   \vskip\skip\footins
11267   \color@begingroup
11268     \normalcolor
11269     \footnoterule
11270     \unvbox \footins
11271   \color@endgroup

```





```

11272 }%
11273 }
11274 \gdef\mem@makecol{%
11275   \m@m@makecolintro
11276   \ifvoid\footins
11277     \global\@bidi@void@footinstrue
11278     \setbox\@outputbox \box\@cclv
11279   \else
11280     \global\@bidi@void@footinsfalse
11281     \m@mopfootnote
11282   \fi
11283   \m@mdoextrafeet
11284   \m@m@makecolfloats
11285   \m@m@makecoltext
11286   \global \maxdepth \@maxdepth}
11287 \gdef\bidi@makecolbf{%
11288   \m@m@makecolintro
11289   \setbox\@outputbox \box\@cclv
11290   \m@m@makecolfloats
11291   \ifvoid\footins
11292     \global\@bidi@void@footinstrue
11293   \else
11294     \global\@bidi@void@footinsfalse
11295     \bidi@mopfootnotebf
11296   \fi
11297   \m@mdoextrafeet
11298   \m@m@makecoltext
11299   \global \maxdepth \@maxdepth}
11300 \newcommand{\FeetAboveFloat}{\gdef\@makecol{\mem@makecol}}
11301 \newcommand{\FeetBelowFloat}{\gdef\@makecol{\bidi@makecolbf}}
11302 \newcommand\FeetAtBottom{\def\bidi@mopfn@bottom{\vfill\relax}}
11303 \newcommand\FeetBelowRagged{\let\bidi@mopfn@bottom\relax}
11304 \FeetAboveFloat
11305 \FeetBelowRagged

```

## 61 File extreport-xetex-bidi.def

```

11306 \ProvidesFile{extreport-xetex-bidi.def}[2017/06/09 v0.3 bidi adaptations for extreport class]
11307 \renewcommand*\l@part[2]{%
11308   \ifnum \c@tocdepth >-2\relax
11309     \addpenalty{-\@highpenalty}%
11310     \addvspace{2.25em \@plus\p@}%
11311     \begingroup
11312       \setlength\@tempdima{3em}%
11313       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
11314       \parfillskip -\@pnumwidth
11315       {\leavevmode
11316         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
11317       \nobreak
11318       \global\@nobreaktrue
11319       \everypar{\global\@nobreakfalse\everypar{}}%
11320     \endgroup
11321   \fi}
11322 \renewcommand*\l@chapter[2]{%

```



```

11323 \ifnum \c@tocdepth >\m@ne
11324 \addpenalty{-\@highpenalty}%
11325 \vskip 1.0em \@plus\p@
11326 \setlength\@tempdima{1.5em}%
11327 \begingroup
11328 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
11329 \parfillskip -\@pnumwidth
11330 \leavevmode \bfseries
11331 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
11332 \hskip -\if@RTL\rightskip\else\leftskip\fi
11333 #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
11334 \penalty\@highpenalty
11335 \endgroup
11336 \fi}
11337 \def\@makechapterhead#1{%
11338 \vspace*{50\p@}%
11339 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
11340 \ifnum \c@secnumdepth >\m@ne
11341 \huge\bfseries \@chapapp\space \thechapter
11342 \par\nobreak
11343 \vskip 20\p@
11344 \fi
11345 \interlinepenalty\@M
11346 \Huge \bfseries #1\par\nobreak
11347 \vskip 40\p@
11348 }}
11349 \def\@makeschapterhead#1{%
11350 \vspace*{50\p@}%
11351 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
11352 \normalfont
11353 \interlinepenalty\@M
11354 \Huge \bfseries #1\par\nobreak
11355 \vskip 40\p@
11356 }}
11357 \renewcommand\left@footnoterule{%
11358 \kern-3\p@
11359 \hrule\@width.4\columnwidth
11360 \kern2.6\p@}
11361 \renewcommand\right@footnoterule{%
11362 \kern-3\p@
11363 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
11364 \kern2.6\p@}
11365 \renewenvironment{thebibliography}[1]
11366 {\chapter*{\bibname
11367 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}}%
11368 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11369 \bidi@thebibliography@font@hook%
11370 \list{\@biblabel{\@arabic\c@enumiv}}%
11371 {\settowidth\labelwidth{\@biblabel{#1}}%
11372 \leftmargin\labelwidth
11373 \advance\leftmargin\labelsep
11374 \@openbib@code
11375 \usecounter{enumiv}}%
11376 \let\p@enumiv\@empty

```



```

11377         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
11378         \sloppy\clubpenalty4000\widowpenalty4000%
11379         \sfcode`.\@m}
11380     {\def\@noitemerr
11381         {\@latex@warning{Empty `thebibliography' environment}}}%
11382     \endlist}
11383 \if@titlepage
11384 \renewcommand\maketitle{\begin{titlepage}%
11385 \let\footnotesize\small
11386 \let\right@footnoterule\relax
11387 \let\left@footnoterule\relax
11388 \let\textwidth\footnoterule\relax
11389 \let \footnote \thanks
11390 \null\vfil
11391 \vskip 60\p@
11392 \begin{center}%
11393     {\LARGE \@title \par}%
11394     \vskip 3em%
11395     {\large
11396         \lineskip .75em%
11397         \begin{tabular}[t]{c}%
11398             \@author
11399         \end{tabular}\par}%
11400     \vskip 1.5em%
11401     {\large \@date \par}%           % Set date in \large size.
11402 \end{center}\par
11403 \@thanks
11404 \vfil\null
11405 \end{titlepage}%
11406 \setcounter{footnote}{0}%
11407 \global\let\thanks\relax
11408 \global\let\maketitle\relax
11409 \global\let\@thanks\@empty
11410 \global\let\@author\@empty
11411 \global\let\@date\@empty
11412 \global\let\@title\@empty
11413 \global\let\title\relax
11414 \global\let\author\relax
11415 \global\let\date\relax
11416 \global\let\and\relax
11417 }
11418 \else
11419 \renewcommand\maketitle{\par
11420 \begin{group
11421     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
11422     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
11423     \long\def\@makefntext##1{\parindent 1em\noindent
11424         \hb@xt@1.8em{%
11425             \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
11426     \if@twocolumn
11427         \ifnum \col@number=\@ne
11428             \@maketitle
11429         \else
11430             \twocolumn[\@maketitle]%

```



```

11431     \fi
11432   \else
11433     \newpage
11434     \global\@topnum\z@    % Prevents figures from going at top of page.
11435     \@maketitle
11436   \fi
11437   \thispagestyle{plain}\@thanks
11438 \endgroup
11439 \setcounter{footnote}{0}%
11440 \global\let\thanks\relax
11441 \global\let\maketitle\relax
11442 \global\let\@maketitle\relax
11443 \global\let\@thanks\@empty
11444 \global\let\@author\@empty
11445 \global\let\@date\@empty
11446 \global\let\@title\@empty
11447 \global\let\title\relax
11448 \global\let\author\relax
11449 \global\let\date\relax
11450 \global\let\and\relax
11451 }
11452 \def\@maketitle{%
11453   \newpage
11454   \null
11455   \vskip 2em%
11456   \begin{center}%
11457     \let \footnote \thanks
11458     {\LARGE \@title \par}%
11459     \vskip 1.5em%
11460     {\large
11461       \lineskip .5em%
11462       \begin{tabular}[t]{c}%
11463         \@author
11464       \end{tabular}\par}%
11465     \vskip 1em%
11466     {\large \@date}%
11467   \end{center}%
11468   \par
11469   \vskip 1.5em}
11470 \fi
11471 \renewcommand\thesection    {\thechapter\@SepMark\@arabic\c@section}
11472 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
11473 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
11474 \renewcommand\theparagraph  {\thesubsubsection\@SepMark\@arabic\c@paragraph}
11475 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
11476 \renewcommand\theequation{%
11477   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
11478 \renewcommand\thefigure{%
11479   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
11480 \renewcommand\thetable{%
11481   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}

```

## 62 File fancybox-xetex-bidi.def



```

11482 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package]
11483 \def\fancy@oval#1#2#3{%
11484   \boxmaxdepth \maxdimen
11485   \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
11486   \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
11487   \@ovxx#1\relax
11488   \advance\@ovxx-\@wholewidth
11489   \@ovyy#2\relax
11490   \advance\@ovyy-\@wholewidth
11491   \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx\else \@ovyy \fi
11492   \advance\@tempdimb-2\p@
11493   \ifdim\@tempdimb>\the@cornersize\relax
11494     \@tempdimb=\the@cornersize
11495   \fi
11496   \@getcirc\@tempdimb
11497   \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
11498   \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
11499   \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@
11500   \@circlefnt
11501   \setbox\@tempboxa\hbox{\beginL%
11502     \if@ovr \@ovvert32\kern -\@tempdima \fi
11503     \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
11504     \if@ovt \@ovhorz \kern -\@ovxx \fi
11505     \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
11506   \advance\@ovdx\@ovro
11507   \advance\@ovdy\@ovro
11508   \advance\@ovxx\@wholewidth
11509   \wd\@tempboxa=\@ovxx
11510   \dp\@tempboxa=\z@}

```

## 63 File fancyhdr-xetex-bidi.def

```

11511 \ProvidesFile{fancyhdr-xetex-bidi.def}[2018/02/15 v0.7 bidi adaptations for fancyhdr package]
11512
11513 \let\f@nch@everypar\everypar
11514
11515 \def\f@nch@head#1#2#3#4#5{#1\hbox to\headwidth{\f@nch@reset
11516   \f@nch@vbox\headheight{\hbox
11517     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright#2}}\hfill
11518     \parbox[b]{\headwidth}{\centering#3}\hfill
11519     \llap{\parbox[b]{\headwidth}{\bidi@raggedleft#4}}}\headrule}}#5}
11520
11521 \def\f@nch@foot#1#2#3#4#5{#1\hbox to\headwidth{\f@nch@reset
11522   \f@nch@vbox\footskip{\footrule
11523     \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright#2}}\hfill
11524     \parbox[t]{\headwidth}{\centering#3}\hfill
11525     \llap{\parbox[t]{\headwidth}{\bidi@raggedleft#4}}}\footrule}}#5}
11526

```

## 64 File fix2col-xetex-bidi.def

```

11527 \ProvidesFile{fix2col-xetex-bidi.def}[2017/05/06 v0.4 bidi adaptations for fix2col package]
11528 \def\RTL@outputdblcol{%
11529   \if@firstcolumn

```



```

11530 \global\@firstcolumnfalse
11531 \global\setbox\@leftcolumn\copy\@outputbox
11532 \splitmaxdepth\maxdimen
11533 \vbadness\maxdimen
11534 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
11535 \toks@\expandafter{\topmark}%
11536 \xdef\@firstcoltopmark{\the\toks@}%
11537 \toks@\expandafter{\splitfirstmark}%
11538 \xdef\@firstcolfirstmark{\the\toks@}%
11539 \ifx\@firstcolfirstmark\@empty
11540 \global\let\@setmarks\relax
11541 \else
11542 \gdef\@setmarks{%
11543 \let\firstmark\@firstcolfirstmark
11544 \let\topmark\@firstcoltopmark}%
11545 \fi
11546 \else \global\@firstcolumntrue
11547 \setbox\@outputbox \vbox {\hbox to\textwidth {%
11548 \hskip \columnwidth
11549 \hfil \vrule width\columnseprule \hfil
11550 \hbox to\columnwidth {%
11551 \bidi@firstcolumn@status@write%
11552 \box\@leftcolumn \hss}%
11553 \hskip -\textwidth
11554 \hbox to\columnwidth{%
11555 \bidi@lastcolumn@status@write%
11556 \box\@outputbox \hss}%
11557 \hskip \columnsep
11558 \hskip \columnwidth }}%
11559 \@combinedblfloats \@setmarks \@outputpage
11560 \begingroup \@dblfloatplacement \@startdblcolumn
11561 \@whilesw\if@fcolmade \fi
11562 {\@outputpage \@startdblcolumn }\endgroup
11563 \fi}
11564 \def\LTR@outputdblcol{%
11565 \if@firstcolumn
11566 \global\@firstcolumnfalse
11567 \global\setbox\@leftcolumn\copy\@outputbox
11568 \splitmaxdepth\maxdimen
11569 \vbadness\maxdimen
11570 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
11571 \toks@\expandafter{\topmark}%
11572 \xdef\@firstcoltopmark{\the\toks@}%
11573 \toks@\expandafter{\splitfirstmark}%
11574 \xdef\@firstcolfirstmark{\the\toks@}%
11575 \ifx\@firstcolfirstmark\@empty
11576 \global\let\@setmarks\relax
11577 \else
11578 \gdef\@setmarks{%
11579 \let\firstmark\@firstcolfirstmark
11580 \let\topmark\@firstcoltopmark}%
11581 \fi
11582 \else
11583 \global\@firstcolumntrue

```



```

11584 \setbox\@outputbox\vbox{%
11585 \hb@xt@\textwidth{%
11586 \hb@xt@\columnwidth{%
11587 \bidi@firstcolumn@status@write%
11588 \box\@leftcolumn \hss}%
11589 \hfil
11590 \vrule \@width\columnseprule
11591 \hfil
11592 \hb@xt@\columnwidth{%
11593 \bidi@lastcolumn@status@write%
11594 \box\@outputbox \hss}}}%
11595 \@combinedblfloats
11596 \setmarks
11597 \outputpage
11598 \begingroup
11599 \@dblfloatplacement
11600 \@startdblcolumn
11601 \@whiles\if@fcolmade \fi{\@outputpage\@startdblcolumn}%
11602 \endgroup
11603 \fi}

```

## 65 File fleqn-xetex-bidi.def

```

11604 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX]
11605 \renewcommand\[\relax
11606 \ifmmode\@badmath
11607 \else
11608 \begin{trivlist}%
11609 \@beginparpenalty\predisplaypenalty
11610 \@endparpenalty\postdisplaypenalty
11611 \item[]\leavevmode
11612 \hb@xt@\linewidth\bgroup \beginL$\m@th\displaystyle %$
11613 \hskip\mathindent\bgroup
11614 \fi}
11615 \renewcommand\]{\relax
11616 \ifmmode
11617 \egroup $\hfil% $
11618 \endL\egroup
11619 \end{trivlist}%
11620 \else \@badmath
11621 \fi}
11622 \renewenvironment{equation}%
11623 {\@beginparpenalty\predisplaypenalty
11624 \@endparpenalty\postdisplaypenalty
11625 \refstepcounter{equation}%
11626 \trivlist \item[]\leavevmode
11627 \hb@xt@\linewidth\bgroup\beginL $\m@th% $
11628 \displaystyle
11629 \hskip\mathindent}%
11630 {$\hfil % $
11631 \displaywidth\linewidth\hbox{\@eqnnum}%
11632 \endL\egroup
11633 \endtrivlist}

```



## 66 File float-xetex-bidi.def

```
11634 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for XeTeX]
11635 \renewcommand\floatc@plain[2]{\setbox\@tempboxa\hbox{\@fs@cfont #1:} #2}%
11636 \ifdim\wd\@tempboxa>\hsize {\@fs@cfont #1:} #2\par
11637 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}\fi}
11638 \def\float@newx#1[#2]{\@ifundefined{c@#1}{\newcounter{#1}[#2]}%
11639 \expandafter\edef\csname the#1\endcsname{%
11640 \expandafter\noexpand\csname
11641 the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
11642 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}
```

## 67 File floatrow-xetex-bidi.def

```
11643 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package for XeTeX]
11644 \renewcommand\flnew@within[1]{\@addtoreset{FB@capttype}{#1}%
11645 \expandafter\edef\csname the\FB@capttype\endcsname{%
11646 \expandafter\noexpand\csname
11647 the#1\endcsname\@SepMark\noexpand\arabic{FB@capttype}}}
```

## 68 File flowfram-xetex-bidi.def

```
11648 \ProvidesFile{flowfram-xetex-bidi.def}[2018/09/29 v0.5 bidi adaptations for flowfram package for XeTeX]
11649 \def\@outputdblcol{%
11650 \@nxtcol=\c@thisframe
11651 \c@curpg=\c@page
11652 \@g@tnxtcol{\@nxtcol}%
11653 \if@ff@nwpg % next flow frame starts on new page
11654 \global\@firstcolumntrue
11655 \setcolbox\c@thisframe
11656 \if@specialpage
11657 \global\@specialpagefalse
11658 \nameuse{ps@\@specialstyle}\relax
11659 \fi
11660 \if@twoside
11661 \ifodd\count\z@
11662 \let\@thehead\@oddhead
11663 \let\@thefoot\@oddfoot
11664 \else
11665 \let\@thehead\@evenhead
11666 \let\@thefoot\@evenfoot
11667 \fi
11668 \else
11669 \let\@thehead\@oddhead
11670 \let\@thefoot\@oddfoot
11671 \fi
11672 \beginenvi
11673 \dodynamicthehead\dynamicthefoot
11674 \vbadness=\M
11675 \setbox\@outputbox\box{\hbox to \textwidth{\@ff@do@allframes}}%
11676 \combinedblfloats
11677 \outputpage
11678 \advance\c@curpg by -\c@page\relax
11679 \whiledo{\c@curpg>0}{\advance\c@curpg by -1\relax}
```





```

11680 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
11681 \@outputpage}
11682 \beginingroup
11683 \@dblfloatplacement
11684 \@startdblcolumn
11685 \@whilesw \if@fcolmade \fi
11686 {\@outputpage \@startdblcolumn }\endgroup
11687 \@resetst@tics
11688 \@resetdyn@tics
11689 \else % still on same page, save contents of box255
11690 \global\@firstcolumnfalse
11691 \setcolbox\c@thisframe
11692 \fi
11693 \global\c@thisframe=\@nxtcol
11694 \@setcol{\c@thisframe}\relax
11695 \global\@colht\vsiz
11696 }
11697 \def\@outputpage{%
11698 \beginingroup
11699 \let\protect\noexpand
11700 \@resetactivechars
11701 \global\let\@if@newlist\if@newlist
11702 \global\@newlistfalse\@parboxrestore
11703 \global\let\@bidi@BeforeOutputPageShipOut\@firstofone
11704 \bidi@beforeoutputpageshipouthook
11705 \shipout\vbox{\set@typeset@protect
11706 \aftergroup
11707 \endgroup
11708 \aftergroup
11709 \set@typeset@protect
11710 \reset@font\normalsize
11711 \bidi@font\@outputpage
11712 \normalsfcodes
11713 \let\label\@gobble
11714 \let\index\@gobble
11715 \let\glossary\@gobble
11716 \baselineskip\z@skip
11717 \lineskip\z@skip
11718 \lineskiplimit\z@
11719 \vskip\topmargin\moveright\@themargin
11720 \vbox{%
11721 \global\let\@bidi@BeforeHeader\@firstofone
11722 \bidi@beforeheaderhook
11723 \vskip\headheight
11724 \vskip\headsep
11725 \global\let\@bidi@BeforeOutputBoxOutputPage\@firstofone
11726 \bidi@beforeoutputboxoutputpagehook
11727 \box\@outputbox
11728 \global\let\@bidi@AfterOutputBoxOutputPage\@firstofone
11729 \bidi@afteroutputboxoutputpagehook
11730 }}%
11731 \global\let\@bidi@AfterOutputPageShipOut\@firstofone
11732 \bidi@afteroutputpageshipouthook
11733 \global\let\if@newlist\@if@newlist

```



```

11734 \stepcounter{page}%
11735 \setcounter{displayedframe}{0}%
11736 \let\firstmark\botmark
11737 \global\let\bidid@AtEndOutputPage\@firstofone
11738 \bidid@atendoutputpagehook
11739 }
11740
11741
11742 \newcommand*\bidid@s@tfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{\}%
11743 \expandafter\bidicolor\ff@txtcol}}
11744
11745 \newcommand{\bidid@ff@box}[3]{\@ffbackground{\vbox to#2
11746 {\hb@xt@ #1{\hss{\bidid@s@tfftextcol #3}\hss}\vss\kern\z@}}}%
11747
11748
11749 \renewcommand*\@docolbox}[1]{%
11750 \edef\ff@frametype{%
11751 \csname @ff@frametype@\romannumeral#1\endcsname}%
11752 \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
11753 \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
11754 \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
11755 \@ff@setoffset{#1}%
11756 \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
11757 \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
11758 \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
11759 {\csname colheight\romannumeral#1\endcsname}{%
11760 \expandafter\box\csname column\romannumeral#1\endcsname}{%
11761 \csname\ff@frametype\endcsname}%
11762 }{%
11763 \bidid@ff@box{\csname colwidth\romannumeral#1\endcsname}%
11764 {\csname colheight\romannumeral#1\endcsname}{%
11765 \expandafter\box\csname column\romannumeral#1\endcsname}%
11766 }}}
11767 \ifclassloaded{book}{%
11768 \renewcommand\theequation
11769 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11770 \renewcommand \thefigure
11771 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
11772 \renewcommand \thetable
11773 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
11774 \renewcommand \thechapter {\@arabic\c@chapter}
11775 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
11776 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
11777 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
11778 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
11779 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
11780 \ifclassloaded{report}{%
11781 \renewcommand\theequation
11782 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11783 \renewcommand \thefigure
11784 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
11785 \renewcommand \thetable
11786 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
11787 \renewcommand \thechapter {\@arabic\c@chapter}

```



```

11788 \renewcommand \thesection {\thechapter \@SepMark \@arabic \c@section}
11789 \renewcommand \thesubsection {\thesection \@SepMark \@arabic \c@subsection}
11790 \renewcommand \thesubsubsection {\thesubsection \@SepMark \@arabic \c@subsubsection}
11791 \renewcommand \theparagraph {\thesubsubsection \@SepMark \@arabic \c@paragraph}
11792 \renewcommand \thesubparagraph {\theparagraph \@SepMark \@arabic \c@subparagraph} {}
11793 \renewcommand {\rotateframe} [2] {\if@ttb@rotate
11794 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}%
11795 \else
11796 #2\relax
11797 \fi}

```

## 69 File footnote-xetex-bidi.def

```

11798 \ProvidesFile{footnote-xetex-bidi.def}[2017/08/09 v1.1 bidi footnote macros for XeTeX engine]
11799 \if@RTLmain@RTL@footnotetrue\else\@RTL@footnotefalse\fi
11800 \newif\ifbidi@autofootnoterule
11801 \def\bidi@mpfootnoterule{\footnoterule}
11802 \newcounter{footdir@label}
11803 \renewcommand*{\thefootdir@label}{footdir@the\value{footdir@label}}
11804 \newcommand*{\footdir@write}{%
11805 \stepcounter{footdir@label}%
11806 \zref@labelbyprops{\thefootdir@label}{abspage}%
11807 }
11808 \newif\iffootdir@debug
11809 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
11810 \newtoks\footdir@toks
11811 \newcommand*{\footdir@debug}[1]{%
11812 \iffootdir@debug
11813 \typeout{[footdir] #1}%
11814 \fi
11815 }
11816 %\@ifpackagelater{zref-abspage}{2012/10/27}{%
11817 \newcommand*{\footdir@LeftRightElse}{%
11818 \ltx@ifundefined{footdir@the\value{zabspage}}{%
11819 \footdir@debug{abspage \the\value{zabspage}: else}%
11820 \ltx@thirdofthree
11821 }{%
11822 \if\csname footdir@the\value{zabspage}\endcsname L%
11823 \footdir@debug{abspage \the\value{zabspage}: left}%
11824 \expandafter\ltx@firstofthree
11825 \else
11826 \footdir@debug{abspage \the\value{zabspage}: right}%
11827 \expandafter\ltx@secondofthree
11828 \fi
11829 }%
11830 }%
11831 %}%{%
11832 \providecommand*{\c@zabspage}{\c@abspage}%
11833 \newcommand*{\footdir@LeftRightElse}{%
11834 \footdir@write
11835 \zifrefundefined{\thefootdir@label}{%
11836 \footdir@debug{abspage ??: else}%
11837 \ltx@thirdofthree
11838 }{%

```



```

11839 \edef\footdir@abspage{%
11840 \zref@extractdefault{\thefootdir@label}{abspage}{0}%
11841 }%
11842 \ltx@ifundefined{footdir@\footdir@abspage}{%
11843 \footdir@debug{\footdir@abspage: else}%
11844 \ltx@thirdofthree
11845 }{%
11846 \if\csname footdir@\footdir@abspage\endcsname L%
11847 \footdir@debug{\footdir@abspage: left}%
11848 \expandafter\ltx@firstofthree
11849 \else
11850 \footdir@debug{\footdir@abspage: right}%
11851 \expandafter\ltx@secondofthree
11852 \fi
11853 }%
11854 }%
11855 }%
11856 %}
11857 \newcommand*{\footdir@fntext}[1]{%
11858 \zifrefundefined{\thefootdir@label}{%
11859 }{%
11860 \edef\footdir@name{%
11861 footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
11862 }%
11863 \@ifundefined{\footdir@name}{%
11864 \expandafter\gdef\csname\footdir@name\endcsname{#1}%
11865 }{}%
11866 }%
11867 }
11868
11869 \newcommand*{\footdir@temp}[3]{%
11870 \@ifdefinable{#1}{%
11871 \let#1#2%
11872 \renewcommand{#2}[1]{%
11873 \footdir@write
11874 \footdir@fntext{#3}%
11875 \stepcounter{footdir@label}%
11876 \footdir@fntext{#3}%
11877 \footdir@toks{##1}%
11878 \footdir@toks\expandafter{%
11879 \the\expandafter\footdir@toks
11880 \expandafter
11881 \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%
11882 }%
11883 \expandafter#1\expandafter{\the\footdir@toks}%
11884 }%
11885 }%
11886 }
11887
11888 \def\right@footnoterule{%
11889 \kern-3\p@
11890 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
11891 \kern2.6\p@}
11892 \def\left@footnoterule{\kern-3\p@

```



```

11893 \hrule \@width .4\columnwidth \kern 2.6\p@}
11894 \def\textwidth@footnoterule{\kern-3\p@
11895 \hrule \@width \columnwidth \kern 2.6\p@}
11896 \def\leftfootnoterule{%
11897 \bidi@autofootnoterulefalse%
11898 \def\footnoterule{\left@footnoterule}}
11899 \let\LRfootnoterule=\leftfootnoterule
11900 \def\rightfootnoterule{%
11901 \bidi@autofootnoterulefalse%
11902 \def\footnoterule{\right@footnoterule}}
11903 \def\textwidthfootnoterule{%
11904 \bidi@autofootnoterulefalse%
11905 \def\footnoterule{\textwidth@footnoterule}}
11906
11907
11908
11909 \def\auto@footnoterule{%
11910 \footdir@LeftRightElse%
11911 \left@footnoterule%
11912 \right@footnoterule%
11913 \left@footnoterule%
11914 }
11915
11916
11917
11918 \def\autofootnoterule{%
11919 \bidi@autofootnoteruletrue%
11920 \def\footnoterule{\auto@footnoterule}%
11921 }
11922
11923 \newcommand*{\SplitFootnoteRule}{%
11924 \gdef\split@prev{0}
11925 \let\pagefootnoterule\footnoterule
11926 \let\mpfootnoterule\footnoterule
11927 \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
11928 \def\footnoterule{\relax
11929 \ifx \@listdepth\@mplistdepth
11930 \mpfootnoterule
11931 \else
11932 \ifnum\split@prev=\z@
11933 \pagefootnoterule
11934 \else
11935 \splitfootnoterule
11936 \fi
11937 \xdef\split@prev{\the\insertpenalties}%
11938 \fi
11939 }%
11940 }
11941
11942
11943
11944
11945 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
11946 \protected@xdef\@thefnmark{\thempfn}%

```



```

11947 \footnotemark\@RTLfootnotetext}}
11948 \def\@xRTLfootnote[#1]{%
11949 \begingroup
11950 \csname c@\mpfn\endcsname #1\relax
11951 \unrestored@protected@xdef\@thefnmark{\thempfn}%
11952 \endgroup
11953 \footnotemark\@RTLfootnotetext}
11954 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\mpfn
11955 \protected@xdef\@thefnmark{\thempfn}%
11956 \footnotemark\@LTRfootnotetext}}
11957 \def\@xLTRfootnote[#1]{%
11958 \begingroup
11959 \csname c@\mpfn\endcsname #1\relax
11960 \unrestored@protected@xdef\@thefnmark{\thempfn}%
11961 \endgroup
11962 \footnotemark\@LTRfootnotetext}
11963
11964
11965 \def\setfootnoteRL{\@RTL@footnotetrue}
11966 \def\unsetfootnoteRL{\@RTL@footnotefalse}
11967 \def\setfootnoteLR{\unsetfootnoteRL}
11968
11969 \newcommand*{\bidi@footnotetext@font}{\footnotesize}
11970 \newcommand*{\bidi@LTRfootnotetext@font}{\footnotesize}
11971 \newcommand*{\bidi@RTLfootnotetext@font}{\footnotesize}
11972
11973 \long\def\@footnotetext#1{\insert\footins{%
11974 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
11975 \reset@font%
11976 \bidi@footnotetext@font% \reset@font\footnotesize
11977 \interlinepenalty\interfootnotelinepenalty
11978 \splittopskip\footnotesep
11979 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
11980 \hsize\columnwidth \@parboxrestore
11981 \protected@edef\@currentlabel{%
11982 \csname p@footnote\endcsname\@thefnmark
11983 }%
11984 \color@begingroup
11985 \makefnintext{%
11986 \rule\z@{\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
11987 \color@endgroup}}%
11988
11989
11990 \long\def\@RTLfootnotetext#1{\insert\footins{%
11991 \@RTLtrue%
11992 \reset@font%
11993 \bidi@RTLfootnotetext@font% \reset@font\footnotesize
11994 \interlinepenalty\interfootnotelinepenalty
11995 \splittopskip\footnotesep
11996 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
11997 \hsize\columnwidth \@parboxrestore
11998 \protected@edef\@currentlabel{%
11999 \csname p@footnote\endcsname\@thefnmark
12000 }%

```



```

12001 \color@begingroup
12002 \makefnintext{%
12003 \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
12004 \color@endgroup}}%
12005
12006 \long\def\@LTRfootnotetext#1{\insert\footins{%
12007 \RTLfalse%
12008 \reset@font%
12009 \bidi@LTRfootnotetext@font% \reset@font\footnotesize
12010 \interlinepenalty\interfootnotelinepenalty
12011 \splittopskip\footnotesep
12012 \splitmaxdepth \dp\strutbox \floatingpenalty \MM
12013 \hsize\columnwidth \@parboxrestore
12014 \protected@edef\@currentlabel{%
12015 \csname p@footnote\endcsname\@thefnmark
12016 }%
12017 \color@begingroup
12018 \makefnintext{%
12019 \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
12020 \color@endgroup}}%
12021
12022 \AtBeginDocument{%
12023 \if@RTL@footnote
12024 \newcommand*{\bidi@footdir@footnote}{R}
12025 \else
12026 \newcommand*{\bidi@footdir@footnote}{L}
12027 \fi%
12028 }
12029
12030 \footdir@temp\footdir@ORG\bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
12031 \footdir@temp\footdir@ORG\bidi@RTLfootnotetext\RTLfootnotetext{R}%
12032 \footdir@temp\footdir@ORG\bidi@LTRfootnotetext\LTRfootnotetext{L}%
12033
12034 \long\def\@mpRTLfootnotetext#1{%
12035 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footnoterule%
12036 \global\setbox\@mpfootins\vbox{\RTLtrue%
12037 \unvbox\@mpfootins
12038 \reset@font%
12039 \bidi@RTLfootnotetext@font% \reset@font\footnotesize
12040 \hsize\columnwidth
12041 \@parboxrestore
12042 \protected@edef\@currentlabel
12043 {\csname p@mpfootnote\endcsname\@thefnmark}%
12044 \color@begingroup
12045 \makefnintext{%
12046 \rule{z@footnotesep\ignorespaces#1\@finalstrut\strutbox}%
12047 \color@endgroup}}
12048 \long\def\@mpLTRfootnotetext#1{%
12049 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnoterule%
12050 \global\setbox\@mpfootins\vbox{\RTLfalse%
12051 \unvbox\@mpfootins
12052 \reset@font%
12053 \bidi@LTRfootnotetext@font% \reset@font\footnotesize
12054 \hsize\columnwidth

```



```

12055 \parboxrestore
12056 \protected@edef\@currentlabel
12057   {\csname p@mpfootnote\endcsname\@thefnmark}%
12058 \color@begingroup
12059 \makefnmark%
12060 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
12061 \color@endgroup}}
12062 \long\def\@mpfootnotetext#1{%
12063 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\ifRTL@footnote\global\let\@bidi@mpfootnote
12064 \global\setbox\@mpfootins\vbox{\ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
12065 \unvbox\@mpfootins
12066 \reset@font%
12067 \bidi@footnotetext@font% \reset@font\footnotesize
12068 \hsize\columnwidth
12069 \parboxrestore
12070 \protected@edef\@currentlabel
12071   {\csname p@mpfootnote\endcsname\@thefnmark}%
12072 \color@begingroup
12073 \makefnmark%
12074 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
12075 \color@endgroup}}
12076 \def\@iiiminipage#1#2[#3]#4{%
12077 \leavevmode
12078 \@pboxswfalse
12079 \ifhboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
12080 \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\
12081 \setlength\@tempdima{#4}%
12082 \def\@mpargs{#1}{#2}[#3]{#4}}%
12083 \setbox\@tempboxa\vbox\bgroup
12084 \color@begingroup
12085 \hsize\@tempdima
12086 \textwidth\hsize \columnwidth\hsize
12087 \parboxrestore
12088 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
12089 \let\@footnotetext\@mpfootnotetext
12090 \let\@LTRfootnotetext\@mpLTRfootnotetext
12091 \let\@RTLfootnotetext\@mpRTLfootnotetext
12092 \let\@listdepth\@mplistdepth \@mplistdepth\z@
12093 \@minipagerestore
12094 \setminipage}
12095 \def\endminipage{%
12096 \par
12097 \unskip
12098 \ifvoid\@mpfootins\else
12099 \vskip\skip\@mpfootins
12100 \normalcolor
12101 \bidi@mpfootnoterule
12102 \unvbox\@mpfootins
12103 \fi
12104 \@minipagefalse %% added 24 May 89
12105 \color@endgroup
12106 \egroup
12107 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
12108 \def\LTRthanks#1{\footnotemark

```





```

12109 \protected@xdef\@thanks{\@thanks
12110 \protect\LTRfootnotetext[\the\c@footnote]{#1}}%
12111 }
12112 \def\LTRfootnotetext{%
12113 \ifnextchar [\xLTRfootnotenext
12114 {\protected@xdef\@thefnmark{\thempfn}%
12115 \@LTRfootnotetext}}
12116 \def\xLTRfootnotenext[#1]{%
12117 \begingroup
12118 \csname c@\mpfn\endcsname #1\relax
12119 \unrestored@protected@xdef\@thefnmark{\thempfn}%
12120 \endgroup
12121 \@LTRfootnotetext}
12122 \def\RTLthanks#1{\footnotemark
12123 \protected@xdef\@thanks{\@thanks
12124 \protect\RTLfootnotetext[\the\c@footnote]{#1}}%
12125 }
12126 \let\@thanks\@empty
12127 \def\RTLfootnotetext{%
12128 \ifnextchar [\xRTLfootnotenext
12129 {\protected@xdef\@thefnmark{\thempfn}%
12130 \@RTLfootnotetext}}
12131 \def\xRTLfootnotenext[#1]{%
12132 \begingroup
12133 \csname c@\mpfn\endcsname #1\relax
12134 \unrestored@protected@xdef\@thefnmark{\thempfn}%
12135 \endgroup
12136 \@RTLfootnotetext}
12137 \leftfootnoterule

```

## 70 File footnotebackref-xetex-bidi.def

```

12138 \ProvidesFile{footnotebackref-xetex-bidi.def}[2022/02/18 v0.1 bidi adaptations for footnote]
12139 \LetLtxMacro{\BHFN@OldLTRFootnote}{\LTRfootnote}
12140 \LetLtxMacro{\BHFN@OldRTLFootnote}{\RTLfootnote}
12141
12142 \renewcommand*\LTRfootnote{%
12143 \refstepcounter{BackrefHyperFootnoteCounter}%
12144 \edef\BackrefFootnoteTag{bhfn:\theBackrefHyperFootnoteCounter}%
12145 \label{\BackrefFootnoteTag}%
12146 \@ifnextchar [\Backref@OptLTRHyperFootnote\Backref@HyperLTRFootnote}
12147
12148 \renewcommand*\RTLfootnote{%
12149 \refstepcounter{BackrefHyperFootnoteCounter}%
12150 \edef\BackrefFootnoteTag{bhfn:\theBackrefHyperFootnoteCounter}%
12151 \label{\BackrefFootnoteTag}%
12152 \@ifnextchar [\Backref@OptRTLHyperFootnote\Backref@HyperRTLFootnote}
12153 \newcommand\Backref@HyperLTRFootnote[1]{%
12154 \BHFN@OldLTRFootnote{\Backref@HyperSymbol#1}}
12155
12156 \newcommand\Backref@HyperRTLFootnote[1]{%
12157 \BHFN@OldRTLFootnote{\Backref@HyperSymbol#1}}
12158
12159 \newcommand\Backref@OptHyperLTRFootnote[2][\empty]{%

```



```

12160 \BHFN@OldLTRFootnote[#1]{\Backref@HyperSymbol#2}}
12161
12162 \newcommand\Backref@OptHyperRTLFootnote[2][\empty]{%
12163 \BHFN@OldRTLFootnote[#1]{\Backref@HyperSymbol#2}}
12164
12165 \bidi@AfterFile{extrafootnotefeatures-xetex-bidi.def}{%
12166 \ifFootnoteBackref@numberlinked
12167 \renewcommand{\footfootmark}{%
12168 \ifdim\footmarkwidth < \z@
12169 \llap{\hb@xt@ -\footmarkwidth{%
12170 \hss\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12171 \hspace*{-\footmarkwidth}}}%
12172 \else
12173 \ifdim\footmarkwidth = \z@
12174 {\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12175 \else
12176 \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}
12177 \fi
12178 \fi}
12179 \renewcommand{\LTRfootfootmark}{%
12180 \ifdim\footmarkwidth < \z@
12181 \llap{\hb@xt@ -\footmarkwidth{%
12182 \hss\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12183 \hspace*{-\footmarkwidth}}}%
12184 \else
12185 \ifdim\footmarkwidth = \z@
12186 {\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12187 \else
12188 \hb@xt@\footmarkwidth{\hss\normalfont\LTRfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}
12189 \fi
12190 \fi}
12191 \renewcommand{\RTLfootfootmark}{%
12192 \ifdim\footmarkwidth < \z@
12193 \llap{\hb@xt@ -\footmarkwidth{%
12194 \hss\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12195 \hspace*{-\footmarkwidth}}}%
12196 \else
12197 \ifdim\footmarkwidth = \z@
12198 {\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}%
12199 \else
12200 \hb@xt@\footmarkwidth{\hss\normalfont\RTLfootscript{\hyperref[\BackrefFootnoteTag]{\@thefnmark}}}
12201 \fi
12202 \fi}
12203 \fi
12204 }

```

## 71 File framed-xetex-bidi.def

```

12205 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for
12206 \renewcommand\TitleBarFrame[3][\begingroup
12207 \ifx\delimiter#1\delimiter
12208 \let\TF@conlab\empty
12209 \else
12210 \def\TF@conlab{% continuation label

```



```

12211 \nointerlineskip
12212 \smash{\rlap{\kern\wd\@tempboxa\kern\fboxrule\kern\fboxsep #1}}}%
12213 \fi
12214 %\let\TF@savecolor\current@color
12215 \textcolor{TFFrameColor}{%
12216 \CustomFBox
12217 {\TF@Title{#2}}{\TF@conlab}}%
12218 \fboxrule\fboxrule\fboxrule\fboxrule
12219 %{\let\current@color\TF@savecolor\set@color #3}%
12220 {\normalcolor #3}%
12221 }\endgroup
12222 }
12223 \renewenvironment{titled-frame}[1]{%
12224 \def\FrameCommand{\fboxsep8pt\fboxrule2pt
12225 \TitleBarFrame{\textbf{#1}}}%
12226 \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
12227 \TitleBarFrame[{$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$}]{\textbf{#1}}}%
12228 \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
12229 \TitleBarFrame[{$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$}]{\textbf{#1\ (con
12230 \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
12231 \TitleBarFrame{\textbf{#1\ (cont)}}}%
12232 \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
12233 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
12234 % could interfere with the width measurement.
12235 {\endMakeFramed}
12236 \chardef\FrameRestore=\catcode`\| % for debug
12237 \catcode`\|=\catcode`\% % (debug: insert space after backslash)
12238 \def\fb@put@frame#1#2{\relax
12239 \ifdim\pagegoal=\maxdimen \pagegoal\vspace \fi
12240 | \message{===== Entering putframe =====^J
12241 | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal.}%
12242 \ifinner
12243 \fb@putboxa#1%
12244 \fb@afterframe
12245 \else
12246 \dimen@ \pagegoal \advance\dimen@-\pagetotal % natural space left on page
12247 \ifdim\dimen@<2\baselineskip % Too little room on page
12248 | \message{Page has only \the\dimen@\space room left; eject.}%
12249 \eject \fb@adjheight \fb@put@frame#1#2%
12250 \else % there's appreciable room left on the page
12251 \fb@sizeofframe#1%
12252 | \message{\string\pagetotal=\the\pagetotal,
12253 | \string\pagegoal=\the\pagegoal,
12254 | \string\pagestretch=\the\pagestretch,
12255 | \string\pageshrink=\the\pageshrink,
12256 | \string\fb@frh=\the\fb@frh. \space}
12257 | \message{^^JBox of size \the\ht\@tempboxa\space}%
12258 \begingroup % temporarily set \dimen@ to be...
12259 \advance\dimen@.8\pageshrink % maximum space available on page
12260 \advance\dimen@-\fb@frh\relax % max space available for frame's contents
12261 %%% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
12262 \expandafter\endgroup
12263 % expand \ifdim, then restore \dimen@ to real room left on page
12264 \ifdim\dimen@>\ht\@tempboxa % whole box does fit

```



```

12265 | \message{fits in \the\dimen@. }%
12266 | % ToDo: Change this to use vsplit anyway to capture the marks
12267 | % MERGE THIS WITH THE else CLAUSE!!!
12268 | \fb@putboxa#1%
12269 | \fb@afterframe
12270 | \else % box must be split
12271 | \message{must be split to fit in \the\dimen@. }%
12272 | % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
12273 | \fb@sizeofframe#2%
12274 | \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
12275 | \vskip \fb@frh \@plus\pagestretch \@minus-.8\pageshrink
12276 | \kern137sp\kern-137sp\penalty-30
12277 | \unvbox\@tempboxa}%
12278 | \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
12279 | \splittopskip\the\splittopskip}%
12280 | \boxmaxdepth\z@ \splittopskip\z@
12281 | \message{^^J Padded box of size \the\ht\@tempboxa\space split to \the\dimen@}%
12282 | % Split box here
12283 | \setbox\tw@\vsplit\@tempboxa to\dimen@
12284 | \toks99\expandafter{\splitfirstmark}%
12285 | \toks98\expandafter{\splitbotmark}%
12286 | \message{Marks are: \the\toks99, \the\toks98. }%
12287 | \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
12288 | \message{Natural height of split box is \the\ht\tw@, leaving
12289 | \the\ht\@tempboxa\space remainder. }%
12290 | % If the split-to size > (\vsize-\topskip), then set box to full size.
12291 | \begingroup
12292 | \advance\dimen@\topskip
12293 | \expandafter\endgroup
12294 | \ifdim\dimen@>\pagegoal
12295 | \message{Frame is big -- Use up the full column. }%
12296 | \dimen@ii\pagegoal
12297 | \advance\dimen@ii -\topskip
12298 | \advance\dimen@ii \FrameHeightAdjust\relax
12299 | \else % suspect this is implemented incorrectly:
12300 | % If the split-to size > feasible room_on_page, rebox it smaller.
12301 | \advance\dimen@.8\pageshrink
12302 | \ifdim\ht\tw@>\dimen@
12303 | \message{Box too tall; rebox it to \the\dimen@. }%
12304 | \dimen@ii\dimen@
12305 | \else % use natural size
12306 | \dimen@ii\ht\tw@
12307 | \fi
12308 | \fi
12309 | % Re-box contents to desired size \dimen@ii
12310 | \advance\dimen@ii -\fb@frh
12311 | \setbox\tw@\vbox to\dimen@ii \bgroup
12312 | % remove simulated frame and page flexibility:
12313 | \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink
12314 | \unvbox\tw@ \unpenalty\unpenalty
12315 | \ifdim\lastkern=-137sp % whole box went to next page
12316 | \message{box split at beginning! }%
12317 | % need work here???
12318 | \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)

```



```

12319         \fb@adjheight
12320         \fb@put@frame#1#2% INSERTED ???
12321     \else % Got material split off at the head
12322         \egroup \fb@resto@set
12323         \ifvoid\@tempboxa % it all fit after all
12324 |         \message{box split at end! }%
12325         \setbox\@tempboxa\box\tw@
12326         \fb@putboxa#1%
12327         \fb@afterframe
12328     \else % it really did split
12329 |         \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
12330         \ifdim\wd\tw@>\z@
12331             \wd\tw@\wd\@tempboxa
12332             \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
12333         \else
12334 |         \message{Zero width means likely blank. Don't frame it (guess)}%
12335             \box\tw@
12336         \fi
12337         \hrule \@height\z@ \@width\hsize
12338         \eject
12339         \fb@adjheight
12340         \fb@put@frame\LastFrameCommand\MidFrameCommand
12341     \fi\fi\fi\fi\fi
12342 }
12343 \def\fb@putboxa#1{%
12344     \ifvoid\@tempboxa
12345         \PackageWarning{framed}{Boxa is void -- discard it. }%
12346     \else
12347 |         \message{Frame and place boxa. }%
12348 |         %{\showoutput\showbox\@tempboxa}%
12349         \centerline{#1{\hboxL{\box\@tempboxa}}}%
12350     \fi
12351 }
12352 \catcode`\|=\FrameRestore
12353 \def\FrameRestore{%
12354     \let\if@nobreak\iffalse
12355     \let\if@noskipsec\iffalse
12356     \let\-\@dischph
12357     \let'\@acci\let\` \@accii\let\=\@acciii
12358     % \message{FrameRestore:
12359     %     \@totalleftmargin=\the \@totalleftmargin,
12360     %     \rightmargin=\the\rightmargin,
12361     %     \@listdepth=\the\@listdepth. }%
12362     % Test if we are in a list (or list-like paragraph)
12363     \ifnum \ifdim\@totalleftmargin>\z@ 1\fi
12364         \ifdim\rightmargin>\z@ 1\fi
12365         \ifnum\@listdepth>\z@ 1\fi 0>\z@
12366     %     \message{In a list: \linewidth=\the\linewidth, \@totalleftmargin=\the\@totalleftmargin,
12367     %     \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
12368     %     \labelwidth=\the\labelwidth. }%
12369     \@setminipage % snug fit around the item
12370     % Now try to propagate changes of width from \hsize to list parameters.
12371     % This is deficient, but a more advanced way to indicate modification to text
12372     % dimensions is not (yet) provided; in particular, no separate left/right

```



```

12373      % adjustment.
12374      \advance\linewidth-\columnwidth \advance\linewidth\hsize
12375      \parshape\@ne \@totalleftmargin \linewidth
12376      \else % Not in list
12377        \linewidth=\hsize
12378        %\message{No list, set \string\linewidth=\the\hsize. }%
12379      \fi
12380      \sloppy
12381    }

```

## 72 File ftnright-xetex-bidi.def

```

12382 \ProvidesFile{ftnright-xetex-bidi.def}[2018/09/29 v0.6 bidi adaptations for ftnright package]
12383
12384 \def\prepare@bidi@copyins{%
12385   \global\bidircol@copyinsskip\skip\@bidi@copyins@
12386   \global\skip\@bidi@copyins@\z@
12387   \global\count\@bidi@copyins@\z@
12388   \global\dimen\@bidi@copyins@\textheight}
12389
12390 \newskip\bidircol@copyinsskip
12391
12392 \def\LTR@outputdblcol{%
12393   \if@firstcolumn
12394     \global\@firstcolumnfalse
12395     \global\setbox\@leftcolumn\copy\@outputbox
12396     \global\count\footins\@m
12397     \global\skip\footins\rcol@footinsskip
12398     \global\count\@bidi@copyins@\@m
12399     \global\skip\@bidi@copyins@\bidircol@copyinsskip
12400     \splitmaxdepth\maxdimen
12401     \vbadness\maxdimen
12402     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
12403     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
12404     \toks@\expandafter{\topmark}%
12405     \xdef\@firstcoltopmark{\the\toks@}%
12406     \toks@\expandafter{\splitfirstmark}%
12407     \xdef\@firstcolfirstmark{\the\toks@}%
12408     \ifx\@firstcolfirstmark\@empty
12409       \global\let\@setmarks\relax
12410     \else
12411       \gdef\@setmarks{%
12412         \let\firstmark\@firstcolfirstmark
12413         \let\topmark\@firstcoltopmark}%
12414     \fi
12415   \else
12416     \preparefootins
12417     \prepare@bidi@copyins
12418     \global\@firstcolumntrue
12419     \setbox\@outputbox\vbox{%
12420       \hb@xt@\textwidth{%
12421         \hb@xt@\columnwidth{%
12422           \bidi@firstcolumn@status@write%
12423           \box\@leftcolumn \hss}%

```



```

12424      \hfil
12425      {\normalcolor\vrule \@width\columnseprule}%
12426      \hfil
12427      \hb@xt@\columnwidth{%
12428      \bidi@lastcolumn@status@write%
12429      \box\@outputbox \hss}}}%
12430 \@@combinedblfloats
12431 \@@setmarks
12432 \@@outputpage
12433 \begin@group
12434 \@@dblfloatplacement
12435 \@@startdblcolumn
12436 \@@whilesw@if@fcolmade \fi{\@@outputpage
12437 \@@startdblcolumn}%
12438 \end@group
12439 \fi}%
12440
12441 \def\RTL@outputdblcol{%
12442 \if@firstcolumn
12443 \global\@firstcolumnfalse
12444 \global\setbox\@leftcolumn\copy\@outputbox
12445 \global\count\footins\@m
12446 \global\skip\footins\rcol@footinsskip
12447 \global\count\@bidi@copyins\@m
12448 \global\skip\@bidi@copyins\@bidi@rcol@copyinsskip
12449 \splitmaxdepth\maxdimen
12450 \vbadness\maxdimen
12451 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
12452 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
12453 \toks@\expandafter{\topmark}%
12454 \xdef\@firstcoltopmark{\the\toks@}%
12455 \toks@\expandafter{\splitfirstmark}%
12456 \xdef\@firstcolfirstmark{\the\toks@}%
12457 \ifx\@firstcolfirstmark\@empty
12458 \global\let\@setmarks\relax
12459 \else
12460 \gdef\@setmarks{%
12461 \let\firstmark\@firstcolfirstmark
12462 \let\topmark\@firstcoltopmark}%
12463 \fi
12464 \else
12465 \preparefootins
12466 \prepare@bidi@copyins
12467 \global\@firstcolumntrue
12468 \setbox\@outputbox\vbox{%
12469 \hb@xt@\textwidth{%
12470 \hskip \columnwidth
12471 \hfil
12472 {\normalcolor\vrule \@width\columnseprule}%
12473 \hfil
12474 \hb@xt@\columnwidth{%
12475 \bidi@firstcolumn@status@write%
12476 \box\@leftcolumn \hss}%
12477 \hskip -\textwidth

```



```

12478      \hb@xt@\columnwidth{%
12479      \bidi@lastcolumn@status@write%
12480      \box\@outputbox \hss}%
12481      \hskip \columnsep
12482      \hskip \columnwidth }}%
12483 \@combinedblfloats
12484 \setmarks
12485 \outputpage
12486 \begingroup
12487 \dblfloatplacement
12488 \startdblcolumn
12489 \@whiles\if@fcolmade \fi{\@outputpage
12490 \startdblcolumn}%
12491 \endgroup
12492 \fi}%
12493
12494 \def\startcolumn{%
12495 \ifx\@deferlist\@empty
12496 \global\@fcolmadefalse
12497 \global\@colroom\@colht
12498 \else
12499 \ifvoid\footins\else
12500 \ftn@amount\ht\footins
12501 \advance\ftn@amount\dp\footins
12502 \advance\ftn@amount\skip\footins
12503 \fi
12504 \ifvoid\@bidi@copyins\else
12505 \bidi@copyins@amount\ht\@bidi@copyins@
12506 \advance\bidi@copyins@amount\dp\@bidi@copyins@
12507 \advance\bidi@copyins@amount\skip\@bidi@copyins@
12508 \fi
12509 \global\advance\@colht-\ftn@amount
12510 \global\advance\@colht-\bidi@copyins@amount
12511 \global\@colroom\@colht
12512 \xstartcol
12513 \global\advance\@colht\ftn@amount
12514 \global\advance\@colroom\ftn@amount
12515 \global\advance\@colht\bidi@copyins@amount
12516 \global\advance\@colroom\bidi@copyins@amount
12517 \fi
12518 \if@fcolmade
12519 \setbox\@cclv\box\@outputbox
12520 \makecol
12521 \else
12522 \ifvoid\footins\else
12523 \insert\footins{\unvbox\footins}\fi
12524 \ifvoid\@bidi@copyins\else
12525 \insert\@bidi@copyins@{\unvbox\@bidi@copyins@}\fi
12526 \fi}
12527
12528 \newdimen\bidi@copyins@amount
12529
12530 \def\makecol{\if@firstcolumn
12531 \setbox\@outputbox\box\@cclv

```





```

12532 \if@twocolumn \else
12533   \ifvoid\footins \else
12534     \@latexerr{ftnright package
12535               used in one-column mode}%
12536   {The ftnright package was designed to
12537     work with LaTeX's standard^^Jtwocolumn
12538     option. It does *not* work with the
12539     multicol package.^^JSo please specify
12540     `twocolumn' in the
12541     \noexpand\documentclass command.}%
12542   \shipout\box\footins \fi
12543   \ifvoid\@bidi@copyins@ \else
12544     \@latexerr{ftnright package
12545               used in one-column mode}%
12546   {The ftnright package was designed to
12547     work with LaTeX's standard^^Jtwocolumn
12548     option. It does *not* work with the
12549     multicol package.^^JSo please specify
12550     `twocolumn' in the
12551     \noexpand\documentclass command.}%
12552   \shipout\box\@bidi@copyins@ \fi\fi
12553 \ifnum\insertpenalties>\z@
12554   \@latexerr{ftnright package
12555             scrambled footnotes}%
12556   {There is too much footnote material in
12557     the first column and ftnright^^Jis
12558     unable to cope with this.^^JYou need
12559     to reduce the amount to get a properly
12560     formatted page.}%
12561 \fi
12562 \else
12563   \ifvoid\footins
12564     \ifvoid\@bidi@copyins@
12565       \setbox\@outputbox\box\@cclv
12566     \else
12567       \setbox\@outputbox\vbox
12568       {\ifvoid\@cclv \else
12569         \unvbox\@cclv
12570         \vskip \skip\@bidi@copyins@
12571       \fi
12572       \color@begingroup
12573       \normalcolor
12574       \unvbox \@bidi@copyins@
12575       \color@endgroup}%
12576   \fi
12577 \else
12578   \setbox\@outputbox\vbox
12579   {\ifvoid\@cclv \else
12580     \unvbox\@cclv
12581     \vskip\skip\footins\fi
12582     \color@begingroup
12583     \normalcolor
12584     \footnoterule\unvbox\footins
12585     \color@endgroup

```



```

12586         \ifvoid\@bidi@copyins@
12587         \else
12588         \vskip \skip\@bidi@copyins@
12589         \color@begingroup
12590         \normalcolor
12591         \unvbox \@bidi@copyins@
12592         \color@endgroup
12593     \fi
12594 }%
12595 \fi
12596 \fi
12597 \xdef\@freelist{\@freelist\@midlist}%
12598 \global \let \@midlist \@empty
12599 \@combinefloats
12600 \ifvbox\@kludgeins
12601     \@makespecialcolbox
12602 \else
12603     \setbox\@outputbox\vbox to\@colht
12604     {\boxmaxdepth\maxdepth
12605     \@texttop
12606     \@tempdima\dp\@outputbox
12607     \unvbox\@outputbox
12608     \vskip-\@tempdima
12609     \@textbottom}%
12610 \fi
12611 \global\maxdepth\@maxdepth}
12612
12613 \let\leftfootnoterule\@empty
12614 \let\rightfootnoterule\@empty
12615 \let\textwidthfootnoterule\@empty
12616 \let\autofootnoterule\@empty
12617 \let\footnoterule\@empty
12618 \long\def\@makefnrtxt#1{\parindent 1em
12619     \noindent\hbox to 2em{}}%
12620     \llap{\@thefnmark\hbox{.}\,\,\,}\,#1}
12621
12622 \setlength{\skip\@bidi@copyins@}
12623         {10pt plus 5pt minus 3pt}
12624 \AtBeginDocument{\prepare@bidi@copyins}

```

## 73 File graphicx-xetex-bidi.def

```

12625 \ProvidesFile{graphicx-xetex-bidi.def}[2017/06/17 v0.5 bidi adaptations for graphicx package]
12626 \def\Grot@box@std#1#2{\ifmmode\else\ifRTL\beginL\fi\fi%
12627   \Grot@setangle{#1}%
12628   \setbox\z@\hbox{\ifmmode\ifRTL\beginR\fi#2\ifRTL\endR\fi\else\ifRTL\beginR\fi#2\ifRTL\endR\fi}%
12629   \Grot@x\z@
12630   \Grot@y\z@
12631   \Grot@box\ifmmode\else\ifRTL\endL\fi\fi}
12632 \long\def\Grot@box@kv[#1]#2#3{\ifmmode\else\ifRTL\beginL\fi\fi%
12633   \@begin@tempboxa\hbox{\ifmmode\ifRTL\beginR\fi#3\ifRTL\endR\fi\else\ifRTL\beginR\fi#3\ifRTL\endR\fi}%
12634   \Grot@x\width \divide\Grot@x\tw@
12635   \Grot@y\height \advance\Grot@y-\depth \divide\Grot@y\tw@
12636   \setkeys{Grot}{#1}%

```



```

12637 \setbox\z@\box\@tempboxa
12638 \Grot@setangle{#2}%
12639 \Grot@box\ifmmode\else\if@RTL\endL\fi\fi
12640 \@end@tempboxa}
12641 \long\def\Gscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
12642 \leavevmode
12643 \def\Gscale@x{#1}\def\Gscale@y{#2}%
12644 \setbox\z@\hbox{#3}%
12645 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
12646 \ifdim#2\p@<\z@
12647 \ht\tw@-#2\dp\z@
12648 \dp\tw@-#2\ht\z@
12649 \else
12650 \ht\tw@#2\ht\z@
12651 \dp\tw@#2\dp\z@
12652 \fi
12653 \ifdim#1\p@<\z@
12654 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
12655 \else
12656 \wd\tw@#1\wd\z@
12657 \box\tw@
12658 \fi\ifmmode\else\if@RTL\endL\fi\fi}
12659 \def\Gin@iii[#1,#2][#3,#4]#5{%
12660 \begingroup
12661 \ifmmode\else\if@RTL\beginL\fi\fi
12662 \Gin@bboxtrue
12663 \Gin@defaultbp\Gin@llx{#1}%
12664 \Gin@defaultbp\Gin@lly{#2}%
12665 \Gin@defaultbp\Gin@urx{#3}%
12666 \Gin@defaultbp\Gin@ury{#4}%
12667 \Gin@include@graphics{#5}%
12668 \ifmmode\else\if@RTL\endL\fi\fi
12669 \endgroup}
12670 \def\Gin@ii[#1]#2{%
12671 \def\@tempa{[]}\def\@tempb{#2}%
12672 \ifx\@tempa\@tempb
12673 \def\@tempa{\Gin@iii[#1] []}%
12674 \expandafter\@tempa
12675 \else
12676 \begingroup
12677 \ifmmode\else\if@RTL\beginL\fi\fi
12678 \@tempswafalse
12679 \toks@{\Gin@include@graphics{#2}}%
12680 \setkeys{Gin}{#1}%
12681 \Gin@esetsize
12682 \the\toks@
12683 \ifmmode\else\if@RTL\endL\fi\fi
12684 \endgroup
12685 \fi}
12686 \def\reflectbox{\bidiGscale@box-1[1]}
12687 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
12688 \leavevmode
12689 \def\Gscale@x{#1}\def\Gscale@y{#2}%
12690 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL

```



```

12691 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
12692 \ifdim#2\p@<\z@
12693   \ht\tw@-#2\dp\z@
12694   \dp\tw@-#2\ht\z@
12695 \else
12696   \ht\tw@#2\ht\z@
12697   \dp\tw@#2\dp\z@
12698 \fi
12699 \ifdim#1\p@<\z@
12700   \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
12701 \else
12702   \wd\tw@#1\wd\z@
12703   \box\tw@
12704 \fi\ifmmode\else\if@RTL\endL\fi\fi}
12705 \def\scalebox#1{%
12706   \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}}
12707 \def\resizebox{%
12708   \leavevmode
12709   \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
12710 \def\bidiGscale@@box#1#2#3{%
12711   \let\@tempa\Gin@exclamation
12712   \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
12713   \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
12714   \ifx\@tempb\@tempa
12715     \ifx\@tempc\@tempa
12716       \toks@{\mbox}%
12717     \else
12718       \toks@{\bidiGscale@box@dd{#3}#1}%
12719     \fi
12720   \else
12721     \ifx\@tempc\@tempa
12722       \toks@{\bidiGscale@box@dd{#2}\width}%
12723     \else
12724       \toks@{\bidiGscale@box@dddd{#2}\width{#3}#1}%
12725     \fi
12726   \fi
12727   \the\toks@}
12728 \long\def\bidiGscale@box@dd#1#2#3{%
12729   \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}
12730   \setlength\@tempdima{#1}%
12731   \setlength\@tempdimb{#2}%
12732   \Gscale@div\@tempa\@tempdima\@tempdimb
12733   \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
12734   \@end@tempboxa}
12735 \long\def\bidiGscale@box@dddd#1#2#3#4#5{%
12736   \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if@RTL\endR\fi}
12737   \setlength\@tempdima{#1}%
12738   \setlength\@tempdimb{#2}%
12739   \Gscale@div\@tempa\@tempdima\@tempdimb
12740   \setlength\@tempdima{#3}%
12741   \setlength\@tempdimb{#4}%
12742   \Gscale@div\@tempb\@tempdima\@tempdimb
12743   \ifGin@iso
12744     \ifdim\@tempa\p@>\@tempb\p@

```



```

12745         \let\@tempa\@tempb
12746     \else
12747         \let\@tempb\@tempa
12748     \fi
12749 \fi
12750 \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
12751 \@end@tempboxa}

```

## 74 File geometry-xetex-bidi.def

```

12752 \ProvidesFile{geometry-xetex-bidi.def}[2017/01/14 v0.2 bidi adaptations for geometry package]
12753 \renewcommand*{\Gm@vrules@mpi}{%
12754 \if@RTLmain%
12755     \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
12756     \llap{\Gm@vrule}\ignorespaces
12757     \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
12758     \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
12759 \else%
12760 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
12761 \hskip \textwidth\Gm@vrule\hskip \marginparsep
12762 \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
12763 \renewcommand*{\Gm@vrules@mpii}{%
12764 \if@RTLmain%
12765 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
12766 \hskip \textwidth\Gm@vrule\hskip \marginparsep
12767 \llap{\Gm@vrule}\hfil\Gm@vrule}%
12768 \else%
12769 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
12770 \llap{\Gm@vrule}\ignorespaces
12771 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
12772 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%
12773 \bidi@patchcmd{\Gm@pageframes}{%
12774 \ifodd\count\z@
12775 \let\@themargin\oddsidemargin
12776 \else
12777 \let\@themargin\evensidemargin
12778 \fi
12779 }{%
12780 \ifodd\count\z@
12781 \if@RTLmain
12782 \let\@themargin\evensidemargin
12783 \else
12784 \let\@themargin\oddsidemargin
12785 \fi
12786 \else
12787 \if@RTLmain
12788 \let\@themargin\oddsidemargin
12789 \else
12790 \let\@themargin\evensidemargin
12791 \fi
12792 \fi
12793 }{}{}

```



## 75 File hvfloat-xetex-bidi.def

```

12794 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package f
12795 \def\do@hvFloat[#1]#2#3{%
12796 \def\hv@shortCap{#1}
12797 \def\hv@longCap{#2}
12798 \def\hv@label{#3}
12799 %\newcommand*{\hvFloat}[5][]{%
12800 % [#1]: keyvalues
12801 % #2: type figure | table | ...
12802 % #3: float contents
12803 % [#4]: short caption
12804 % #5: caption
12805 % #6: label
12806 % \setDefault%
12807 % \def\@tempa{#1}%
12808 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi% set options, only when not empty
12809 \def\@tempa{90}%
12810 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
12811 \else \setlength{\hvMaxCapWidth}{\linewidth}
12812 \fi
12813 %
12814 % First we save the object in \hvObjectBox
12815 %
12816 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
12817 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
12818 \else
12819 \savebox{\hvObjectBox}{%
12820 \rotatebox{\hvSet@objectAngle}{%
12821 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
12822 \fi
12823 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
12824 %
12825 % Now we save the caption with its defined \hvCapWidth
12826 %
12827 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
12828 \else
12829 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
12830 \else
12831 \setlength{\hvCapWidth}{\hvObjectWidth}
12832 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
12833 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
12834 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
12835 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
12836 \else
12837 \setlength{\hvCapWidth}{\hvMaxCapWidth}
12838 \fi
12839 \fi
12840 \fi
12841 %
12842 % now we have the object and the caption with the right
12843 % rotated angles saved in boxes
12844 %
12845 \def\fps@figure{\hvSet@floatPos}

```



```

12846 \ifhv@nonFloat\begin{group}% Start the nonfloat part
12847 \else \begin{\hv@floatType}% Start the floating environment
12848 \fi%
12849 \saveCaptionSkip% we put this space ourselves
12850 \ifx\hvSet@capAngle\hv@Width % need rotation?
12851 \sbox{\hvCaptionBox}{%
12852 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
12853 \ifhv@nonFloat%
12854 \ifhv@onlyText#2%
12855 \else%
12856 \ifx\hv@floatType\hv@figure
12857 \ifx\relax#1\relax \figcaption{#2}\else\figcaption{#1}{#2}\fi
12858 \else
12859 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption{#1}{#2}\fi%
12860 \fi
12861 \fi
12862 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption{#1}{#2}\fi%
12863 \fi%
12864 \label{#3}%
12865 \end{minipage}%
12866 }%
12867 \else%
12868 \sbox{\hvCaptionBox}{%
12869 \rotatebox{\hvSet@capAngle}{%
12870 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
12871 \ifhv@nonFloat%
12872 \ifhv@onlyText#2%
12873 \else%
12874 \ifx\hv@floatType\hv@figure
12875 \ifx\relax#1\relax \figcaption{#2}\else\figcaption{#1}{#2}\fi
12876 \else
12877 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption{#1}{#2}\fi%
12878 \fi
12879 \fi
12880 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption{#1}{#2}\fi%
12881 \fi%
12882 \label{#3}%
12883 \end{minipage}%
12884 }%
12885 }%
12886 \fi%
12887 %%
12888 \restoreCaptionSkip% save old values
12889 \ifx\hvSet@objectPos\hv@Right\@bidi@raggedleft%
12890 \else%
12891 \ifx\hvSet@objectPos\hv@Center
12892 \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
12893 \fi%
12894 \fi%
12895 %
12896 % to rotate object and caption together, we save all in another box
12897 % the caption comes first, if its on the left or the top
12898 %
12899 \savebox{\@tempboxa}{%

```



```

12900 \ifx\hvSet@capPos\hv@Left % caption on left side
12901 \if@RTL%
12902 \ifx\hvSet@capVPos\hv@Center%
12903 \ifhv@fbox
12904 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
12905 \else
12906 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
12907 \fi%
12908 \hspace{\hvSet@floatCapSep pt}%
12909 \ifhv@fbox
12910 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
12911 \else
12912 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
12913 \fi%
12914 \else%
12915 \ifx\hvSet@capVPos\hv@Top
12916 \ifhv@fbox
12917 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
12918 \else
12919 \raisebox{-\height}{\usebox{\hvObjectBox}}%
12920 \fi%
12921 \hspace{\hvSet@floatCapSep pt}%
12922 \ifhv@fbox
12923 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
12924 \else
12925 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
12926 \fi
12927 \else
12928 \ifhv@fbox
12929 \fbox{\usebox{\hvObjectBox}}%
12930 \else
12931 \usebox{\hvObjectBox}%
12932 \fi
12933 \hspace{\hvSet@floatCapSep pt}%
12934 \ifhv@fbox
12935 \fbox{\usebox{\hvCaptionBox}}%
12936 \else
12937 \usebox{\hvCaptionBox}%
12938 \fi%
12939 \fi%
12940 \fi%
12941 \else% not RTL
12942 \ifx\hvSet@capVPos\hv@Center%
12943 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
12944 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
12945 \fi%
12946 \hspace{\hvSet@floatCapSep pt}% capfloatsep
12947 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
12948 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
12949 \fi%
12950 \else%
12951 \ifx\hvSet@capVPos\hv@Top % caption at top
12952 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
12953 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%

```





```

12954 \fi
12955 \hspace{\hvSet@floatCapSep pt}% capfloatsep
12956 \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
12957 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
12958 \fi%
12959 \else% caption on bottom
12960 \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
12961 \else\usebox{\hvCaptionBox}
12962 \fi%
12963 \hspace{\hvSet@floatCapSep pt}%
12964 \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
12965 \else \usebox{\hvObjectBox}
12966 \fi%
12967 \fi%
12968 \fi% end of RTL
12969 \fi%
12970 \else
12971 \ifx\hvSet@capPos\hv@Top
12972 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
12973 \begin{minipage}{\wd\hvCaptionBox}
12974 \else
12975 \begin{minipage}{\wd\hvObjectBox}
12976 \fi
12977 \centering
12978 \ifhv@fbox
12979 \fbbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
12980 \fbbox{\usebox{\hvObjectBox}}
12981 \else
12982 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
12983 \usebox{\hvObjectBox}
12984 \fi%
12985 \end{minipage}
12986 \else
12987 \ifx\hvSet@capPos\hv@Bottom
12988 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
12989 \begin{minipage}{\wd\hvCaptionBox}
12990 \else
12991 \begin{minipage}{\wd\hvObjectBox}
12992 \fi
12993 \centering
12994 \ifhv@fbox
12995 \fbbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
12996 \fbbox{\usebox{\hvCaptionBox}}
12997 \else
12998 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
12999 \usebox{\hvCaptionBox}
13000 \fi%
13001 \end{minipage}
13002 \else% the last option: put the caption on the right
13003 \if@RTL%
13004 \ifx\hvSet@capVPos\hv@Center%
13005 \ifhv@fbox\fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
13006 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
13007 \fi%

```



```

13008 \hspace{\hvSet@floatCapSep pt}% capfloatsep
13009 \ifhv@fbox\fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
13010 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
13011 \fi%
13012 \else%
13013 \ifx\hvSet@capVPos\hv@Top % caption at top
13014 \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
13015 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
13016 \fi
13017 \hspace{\hvSet@floatCapSep pt}% capfloatsep
13018 \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
13019 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
13020 \fi%
13021 \else% caption on bottom
13022 \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
13023 \else\usebox{\hvCaptionBox}
13024 \fi%
13025 \hspace{\hvSet@floatCapSep pt}%
13026 \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
13027 \else \usebox{\hvObjectBox}
13028 \fi%
13029 \fi%
13030 \fi%
13031 \else% not RTL
13032 \ifx\hvSet@capVPos\hv@Center%
13033 \ifhv@fbox
13034 \fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
13035 \else
13036 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
13037 \fi%
13038 \hspace{\hvSet@floatCapSep pt}%
13039 \ifhv@fbox
13040 \fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
13041 \else
13042 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
13043 \fi%
13044 \else%
13045 \ifx\hvSet@capVPos\hv@Top
13046 \ifhv@fbox
13047 \fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
13048 \else
13049 \raisebox{-\height}{\usebox{\hvObjectBox}}%
13050 \fi%
13051 \hspace{\hvSet@floatCapSep pt}%
13052 \ifhv@fbox
13053 \fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
13054 \else
13055 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
13056 \fi
13057 \else
13058 \ifhv@fbox
13059 \fbbox{\usebox{\hvObjectBox}}%
13060 \else
13061 \usebox{\hvObjectBox}%

```



```

13062 \fi
13063 \hspace{\hvSet@floatCapSep pt}%
13064 \ifhv@fbox
13065 \fbox{\usebox{\hvCaptionBox}}%
13066 \else
13067 \usebox{\hvCaptionBox}%
13068 \fi%
13069 \fi%
13070 \fi
13071 \fi% end of RTL
13072 \fi
13073 \fi
13074 \fi
13075 }% End savebox Object and caption
13076 %
13077 % now we rotate the object and caption, if needed
13078 %
13079 \ifx\hvSet@rotAngle\hv@Zero
13080 \usebox{\@tempboxa}
13081 \else
13082 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
13083 \fi
13084 \ifhv@nonFloat
13085 \ifx\hvSet@objectPos\hv@Center
13086 \ifhv@nonFloat
13087 \hspace{\fill}
13088 \fi
13089 \fi
13090 \endgroup% End the nonfloat part
13091 \else
13092 \end{\hv@floatType}% End the floating environment
13093 \fi
13094 }

```

## 76 File hyperref-xetex-bidi.def

```

13095 \ProvidesFile{hyperref-xetex-bidi.def}[2018/11/11 v1.1 bidi adaptations for hyperref package]
13096 \AtBeginDocument{%
13097 \def\contentsline#1#2#3#4{%
13098   \ifx\#4\%
13099     \csname l@#1\endcsname{#2}{#3}%
13100   \else
13101     \ifcase\Hy@linktoc % none
13102       \csname l@#1\endcsname{#2}{#3}%
13103     \or % section
13104       \csname l@#1\endcsname{%
13105         \hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend
13106       }{#3}%
13107     \or % page
13108       \csname l@#1\endcsname{#2}{#3}%
13109       \hyper@linkstart{link}{#4}{#3}\hyper@linkend
13110     }%
13111   \else % all
13112     \csname l@#1\endcsname{%

```



```

13113         \hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend
13114     }{%
13115         \hyper@linkstart{link}{#4}{#3}\hyper@linkend
13116     }%
13117     \fi
13118 \fi
13119 }
13120 \ifHy@hyperfootnotes
13121     \let\H@@footnotetext\@footnotetext
13122     \let\HRTL@@RTLfootnotetext\@RTLfootnotetext
13123     \let\HLTR@@LTRfootnotetext\@LTRfootnotetext
13124     \def\xfootnotenext[#1]{%
13125         \begingroup
13126         \csname c@\@mpfn\endcsname #1\relax
13127         \unrestored@protected@xdef\@thefnmark{\thempfn}%
13128     \endgroup
13129     \ifx\@footnotetext\@mpfootnotetext
13130         \expandafter\H@@mpfootnotetext
13131     \else
13132         \expandafter\H@@footnotetext
13133     \fi
13134 }%
13135     \def\xRTLfootnotenext[#1]{%
13136         \begingroup
13137         \csname c@\@mpfn\endcsname #1\relax
13138         \unrestored@protected@xdef\@thefnmark{\thempfn}%
13139     \endgroup
13140     \ifx\@RTLfootnotetext\@mpRTLfootnotetext
13141         \expandafter\HRTL@@mpRTLfootnotetext
13142     \else
13143         \expandafter\HRTL@@RTLfootnotetext
13144     \fi
13145 }%
13146     \def\xLTRfootnotenext[#1]{%
13147         \begingroup
13148         \csname c@\@mpfn\endcsname #1\relax
13149         \unrestored@protected@xdef\@thefnmark{\thempfn}%
13150     \endgroup
13151     \ifx\@LTRfootnotetext\@mpLTRfootnotetext
13152         \expandafter\HLTR@@mpLTRfootnotetext
13153     \else
13154         \expandafter\HLTR@@LTRfootnotetext
13155     \fi
13156 }%
13157     \def\xfootnotemark[#1]{%
13158         \begingroup
13159         \c@footnote #1\relax
13160         \unrestored@protected@xdef\@thefnmark{\thefootnote}%
13161     \endgroup
13162     \H@@footnotemark
13163 }%
13164 \let\H@@mpfootnotetext\@mpfootnotetext
13165 \let\HRTL@@mpRTLfootnotetext\@mpRTLfootnotetext
13166 \let\HLTR@@mpLTRfootnotetext\@mpLTRfootnotetext

```



```

13167 \long\def\@mpfootnotetext#1{%
13168 \H@mpfootnotetext{%
13169 \ifHy@nesting
13170 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13171 \else
13172 \Hy@raisedlink{%
13173 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13174 }#1%
13175 \fi
13176 }%
13177 }%
13178 \long\def\@mpRTLfootnotetext#1{%
13179 \HRTL@mpRTLfootnotetext{%
13180 \ifHy@nesting
13181 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13182 \else
13183 \Hy@raisedlink{%
13184 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13185 }#1%
13186 \fi
13187 }%
13188 }%
13189 \long\def\@mpLTRfootnotetext#1{%
13190 \HLTR@mpLTRfootnotetext{%
13191 \ifHy@nesting
13192 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13193 \else
13194 \Hy@raisedlink{%
13195 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13196 }#1%
13197 \fi
13198 }%
13199 }%
13200 \long\def\@footnotetext#1{%
13201 \H@footnotetext{%
13202 \ifHy@nesting
13203 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13204 \else
13205 \Hy@raisedlink{%
13206 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13207 }%
13208 \let\@currentHlabel\Hy@footnote@currentHlabel
13209 \let\@currentHref\Hy@footnote@currentHref
13210 \let\@currentlabelname\@empty
13211 #1%
13212 \fi
13213 }%
13214 }%
13215 \long\def\@RTLfootnotetext#1{%
13216 \HRTL@RTLfootnotetext{%
13217 \ifHy@nesting
13218 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13219 \else
13220 \Hy@raisedlink{%

```



```

13221         \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13222     }%
13223     \let\@currentHlabel\Hy@footnote@currentHlabel
13224     \let\@currentHref\Hy@footnote@currentHref
13225     \let\@currentlabelname\@empty
13226     #1%
13227 \fi
13228 }%
13229 }%
13230 \long\def\@LTRfootnotetext#1{%
13231 \HLTR@@@LTRfootnotetext{%
13232     \ifHy@nesting
13233     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
13234     \else
13235     \Hy@raisedlink{%
13236         \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
13237     }%
13238     \let\@currentHlabel\Hy@footnote@currentHlabel
13239     \let\@currentHref\Hy@footnote@currentHref
13240     \let\@currentlabelname\@empty
13241     #1%
13242 \fi
13243 }%
13244 }%
13245 \@ifpackageloaded{tabularx}{%
13246 \let\HyOrg@TX@endtabularx\TX@endtabularx
13247 \def\Hy@tabularx@hook{%
13248     \let\@footnotetext\H@@footnotetext
13249     \let\@LTRfootnotetext\HLTR@@@LTRfootnotetext
13250     \let\@RTLfootnotetext\HRTL@@@RTLfootnotetext
13251     \let\@footnotemark\H@@footnotemark
13252     \let\@mpfootnotetext\H@@mpfootnotetext
13253     \let\@mpLTRfootnotetext\HLTR@@@mpLTRfootnotetext
13254     \let\@mpRTLfootnotetext\HRTL@@@mpRTLfootnotetext
13255 }%
13256 \begingroup
13257 \toks@{\expandafter{\TX@endtabularx}}%
13258 \xdef\Hy@gtemp{%
13259     \noexpand\Hy@tabularx@hook
13260     \the\toks@
13261 }%
13262 \endgroup
13263 \let\TX@endtabularx\Hy@gtemp
13264 }{}%
13265 \@ifpackageloaded{longtable}{%
13266 \CheckCommand*{\LT@p@LTRftntext}[1]{%
13267     \edef\@tempa{%
13268         \the\LT@p@ftn
13269         \noexpand\LTRfootnotetext[\the\c@footnote]}%
13270 }%
13271 \global\LT@p@ftn\expandafter{\@tempa#1}}%
13272 }%
13273 \long\def\LT@p@LTRftntext#1{%
13274     \edef\@tempa{%

```



```

13275     \the\LT@p@ftn
13276     \begingroup
13277         \noexpand\c@footnote=\the\c@footnote\relax
13278         \noexpand\protected@xdef\noexpand\@thefnmark{%
13279             \noexpand\thempfn
13280         }%
13281         \noexpand\Hy@LT@LTRfootnotetext{%
13282             \Hy@footnote@currentHref
13283         }%
13284     }%
13285     \global\LT@p@ftn\expandafter{%
13286         \@tempa{#1}%
13287     \endgroup
13288     }%
13289 }%
13290 \long\def\Hy@LT@LTRfootnotetext#1#2{%
13291     \HLTR@@LTRfootnotetext{%
13292         \ifHy@nesting
13293             \hyper@@anchor{#1}{#2}%
13294         \else
13295             \Hy@raisedlink{%
13296                 \hyper@@anchor{#1}{\relax}%
13297             }%
13298             \def\@currentHref{#1}%
13299             \let\@currentlabelname\@empty
13300             #2%
13301         \fi
13302     }%
13303 }%
13304 \CheckCommand*{\LT@p@RTLftntext}[1]{%
13305     \edef\@tempa{%
13306         \the\LT@p@ftn
13307         \noexpand\RTLfootnotetext[\the\c@footnote]%
13308     }%
13309     \global\LT@p@ftn\expandafter{\@tempa{#1}}%
13310 }%
13311 \long\def\LT@p@RTLftntext#1{%
13312     \edef\@tempa{%
13313         \the\LT@p@ftn
13314         \begingroup
13315             \noexpand\c@footnote=\the\c@footnote\relax
13316             \noexpand\protected@xdef\noexpand\@thefnmark{%
13317                 \noexpand\thempfn
13318             }%
13319             \noexpand\Hy@LT@RTLfootnotetext{%
13320                 \Hy@footnote@currentHref
13321             }%
13322         }%
13323         \global\LT@p@ftn\expandafter{%
13324             \@tempa{#1}%
13325         \endgroup
13326     }%
13327 }%
13328 \long\def\Hy@LT@RTLfootnotetext#1#2{%

```



```

13329 \HRTL@RTLfootnotetext{%
13330 \ifHy@nesting
13331 \hyper@@anchor{#1}{#2}%
13332 \else
13333 \Hy@raisedlink{%
13334 \hyper@@anchor{#1}{\relax}%
13335 }%
13336 \def\@currentHref{#1}%
13337 \let\@currentlabelname\@empty
13338 #2%
13339 \fi
13340 }%
13341 }%
13342 }{}%
13343 \@ifpackageloaded{bidipoem}{%
13344 \long\def\bidipoem@p@ftntext#1{%
13345 \edef\@tempxi{%
13346 \the\bidipoem@p@ftn
13347 \begingroup
13348 \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
13349 \noexpand\protected@xdef\noexpand\@thefnmark{%
13350 \noexpand\thempfn
13351 }%
13352 \noexpand\Hy@bidipoem@footnotetext{%
13353 \Hy@footnote@currentHref
13354 }%
13355 }%
13356 \global\bidipoem@p@ftn\expandafter{%
13357 \@tempxi{#1}%
13358 \endgroup
13359 }%
13360 }%
13361 \long\def\Hy@bidipoem@footnotetext#1#2{%
13362 \H@@footnotetext{%
13363 \ifHy@nesting
13364 \hyper@@anchor{#1}{#2}%
13365 \else
13366 \Hy@raisedlink{%
13367 \hyper@@anchor{#1}{\relax}%
13368 }%
13369 \def\@currentHref{#1}%
13370 \let\@currentlabelname\@empty
13371 #2%
13372 \fi
13373 }%
13374 }%
13375 \long\def\bidipoem@p@LTRftntext#1{%
13376 \edef\@tempxi{%
13377 \the\bidipoem@p@ftn
13378 \begingroup
13379 \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
13380 \noexpand\protected@xdef\noexpand\@thefnmark{%
13381 \noexpand\thempfn
13382 }%

```





```

13383         \noexpand\Hy@bidipoem@LTRfootnotetext{%
13384             \Hy@footnote@currentHref
13385         }%
13386     }%
13387     \global\bidipoem@p@ftn\expandafter{%
13388         \@tempxi{#1}%
13389     \endgroup
13390 }%
13391 }%
13392 \long\def\Hy@bidipoem@LTRfootnotetext#1#2{%
13393     \HLTR@@@LTRfootnotetext{%
13394         \ifHy@nesting
13395             \hyper@@anchor{#1}{#2}%
13396         \else
13397             \Hy@raisedlink{%
13398                 \hyper@@anchor{#1}{\relax}%
13399             }%
13400             \def\@currentHref{#1}%
13401             \let\@currentlabelname\@empty
13402             #2%
13403         \fi
13404     }%
13405 }%
13406     \long\def\bidipoem@p@RTLftntext#1{%
13407     \edef\@tempxii{%
13408         \the\bidipoem@p@ftn
13409     \begingroup
13410         \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
13411         \noexpand\protected@xdef\noexpand\@thefnmark{%
13412             \noexpand\thempfn
13413         }%
13414         \noexpand\Hy@bidipoem@RTLfootnotetext{%
13415             \Hy@footnote@currentHref
13416         }%
13417     }%
13418     \global\bidipoem@p@ftn\expandafter{%
13419         \@tempxii{#1}%
13420     \endgroup
13421 }%
13422 }%
13423 \long\def\Hy@bidipoem@RTLfootnotetext#1#2{%
13424     \HRTL@@@RTLfootnotetext{%
13425         \ifHy@nesting
13426             \hyper@@anchor{#1}{#2}%
13427         \else
13428             \Hy@raisedlink{%
13429                 \hyper@@anchor{#1}{\relax}%
13430             }%
13431             \def\@currentHref{#1}%
13432             \let\@currentlabelname\@empty
13433             #2%
13434         \fi
13435     }%
13436 }%

```



```

13437 }{}%
13438 \let\HyOrg@maketitle\maketitle
13439 \def\maketitle{%
13440   \let\Hy@saved@footnotemark\@footnotemark
13441   \let\Hy@saved@footnotetext\@footnotetext
13442   \let\HyRTL@saved@RTLfootnotetext\@RTLfootnotetext
13443   \let\HyLTR@saved@LTRfootnotetext\@LTRfootnotetext
13444   \let\@footnotemark\H@@footnotemark
13445   \let\@footnotetext\H@@footnotetext
13446   \let\@RTLfootnotetext\HRTL@@RTLfootnotetext
13447   \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
13448   \@ifnextchar[\Hy@maketitle@optarg{% ]
13449   \HyOrg@maketitle
13450   \Hy@maketitle@end
13451 }%
13452 }%
13453 \def\Hy@maketitle@optarg[#1]{%
13454   \HyOrg@maketitle[#{#1}]%
13455   \Hy@maketitle@end
13456 }%
13457 \def\Hy@maketitle@end{%
13458   \ifx\@footnotemark\H@@footnotemark
13459     \let\@footnotemark\Hy@saved@footnotemark
13460     \fi
13461   \ifx\@footnotetext\H@@footnotetext
13462     \let\@footnotetext\Hy@saved@footnotetext
13463     \fi
13464   \ifx\@RTLfootnotetext\HRTL@@RTLfootnotetext
13465     \let\@RTLfootnotetext\HyRTL@saved@RTLfootnotetext
13466     \fi
13467   \ifx\@LTRfootnotetext\HLTR@@LTRfootnotetext
13468     \let\@LTRfootnotetext\HyLTR@saved@LTRfootnotetext
13469     \fi
13470 }%
13471 \def\realfootnote{%
13472   \@ifnextchar[\@xfootnote{%
13473     \stepcounter{\@mpfn}%
13474     \protected@xdef\@thefnmark{\thempfn}%
13475     \H@@@footnotemark\H@@footnotetext
13476   }%
13477 }%
13478 \fi
13479 \def\Hy@BeginAnnot#1{%
13480   \ifmmode\else\beginL\fi%
13481   \global\advance\c@Hy@AnnotLevel\@ne
13482   \ifnum\c@Hy@AnnotLevel=\@ne
13483     #1%
13484   \fi
13485 }
13486 \def\Hy@EndAnnot{%
13487   \ifnum\c@Hy@AnnotLevel=\@ne
13488     \Hy@endcolorlink
13489     \@pdfm@mark{eann}%
13490   \fi

```



```

13491 \global\advance\c@Hy@AnnotLevel\m@ne
13492 \ifmmode\else\endL\fi%
13493 }
13494 \def\hyper@link#1#2#3{%
13495 \hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\else\if@RTL\endR\fi\fi%
13496 }
13497 \def\hyper@linkfile#1#2#3{%
13498 \leavevmode
13499 \Hy@BeginAnnot{%
13500 \def\Hy@pstringF{#2}%
13501 \Hy@CleanupFile\Hy@pstringF
13502 \Hy@pstringdef\Hy@pstringF\Hy@pstringF
13503 \Hy@pstringdef\Hy@pstringD{#3}%
13504 \Hy@MakeRemoteAction
13505 \@pdfm@mark{%
13506 bann<<%
13507 /Type/Annot%
13508 /Subtype/Link%
13509 \ifHy@pdfa /F 4\fi
13510 \Hy@setpdfborder
13511 \ifx\@filebordercolor\relax
13512 \else
13513 /C[\@filebordercolor]%
13514 \fi
13515 /A<<%
13516 /S/GoToR%
13517 /F(\Hy@pstringF)%
13518 /D%
13519 \ifx\#3\%
13520 [\Hy@href@page\@pdfremotestartview]%
13521 \else
13522 (\Hy@pstringD)%
13523 \fi
13524 \Hy@SetNewWindow
13525 \Hy@href@nextactionraw
13526 >>%
13527 >>%
13528 }%
13529 \Hy@colorlink\@filecolor
13530 }%
13531 \ifmmode\else\if@RTL\beginR\fi\fi#1\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
13532 \Hy@endAnnot
13533 }
13534 \def\@hyper@launch run:#1\#2#3{% filename, anchor text linkname
13535 \leavevmode
13536 \Hy@BeginAnnot{%
13537 \Hy@pstringdef\Hy@pstringF{#1}%
13538 \Hy@pstringdef\Hy@pstringP{#3}%
13539 \@pdfm@mark{%
13540 bann<<%
13541 /Type/Annot%
13542 /Subtype/Link%
13543 \ifHy@pdfa /F 4\fi
13544 \Hy@setpdfborder

```



```

13545     \ifx\@runbordercolor\relax
13546     \else
13547         /C[\@runbordercolor]%
13548     \fi
13549     /A<<%
13550         /F(\Hy@pstringF)%
13551         /S/Launch%
13552         \Hy@SetNewWindow
13553         \ifx\#3\%
13554         \else
13555             /Win<</P(\Hy@pstringP)/F(\Hy@pstringF)>>%
13556         \fi
13557         \Hy@href@nextactionraw
13558     >>%
13559 >>%
13560 }%
13561 \Hy@colorlink\@runcolor
13562 }%
13563 \ifmmode\else\if@RTL\beginR\fi\fi#2\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
13564 \Hy@EndAnnot
13565 }
13566 \def\hyper@linkurl#1#2{%
13567     \leavevmode
13568     \Hy@BeginAnnot{%
13569         \Hy@pstringdef\Hy@pstringURI{#2}%
13570         \@pdfmark{%
13571             bann<<%
13572                 /Type/Annot%
13573                 /Subtype/Link%
13574                 \ifHy@pdfa /F 4\fi
13575                 \Hy@setpdfborder
13576                 \ifx\@urlbordercolor\relax
13577                 \else
13578                     /C[\@urlbordercolor]%
13579                 \fi
13580                 /A<<%
13581                 /S/URI%
13582                 /URI(\Hy@pstringURI)%
13583                 \ifHy@href@ismap
13584                     /IsMap true%
13585                 \fi
13586                 \Hy@href@nextactionraw
13587             >>%
13588             >>%
13589         }%
13590         \Hy@colorlink\@urlcolor
13591     }%
13592     \ifmmode\else\if@RTL\beginR\fi\fi#1\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
13593     \Hy@EndAnnot
13594 }
13595 \def\Acrobatmenu#1#2{%
13596     \Hy@Acrobatmenu{#1}{#2}%
13597     \Hy@BeginAnnot{%
13598         \EdefEscapeName\Hy@temp@menu{#1}%

```



```

13599 \pdfmarkmark{%
13600   bann<<%
13601     /Type/Annot%
13602     /Subtype/Link%
13603     \ifHy@pdfa /F 4\fi
13604     \Hy@setpdfborder
13605     \ifx\@menubordercolor\relax
13606     \else
13607       /C[\@menubordercolor]%
13608     \fi
13609     /A<<%
13610     /S/Named%
13611     /N/\Hy@temp@menu
13612     \Hy@href@nextactionraw
13613     >>%
13614   >>%
13615  }%
13616   \Hy@colorlink\@menucolor
13617  }%
13618   \ifmmode\else\if@RTL\beginR\fi\fi#2\ifmmode\else\if@RTL\endR\fi\fi\Hy@xspace@end
13619   \Hy@endAnnot
13620  }%
13621 }
13622 \def\hyper@natlinkstart#1{%
13623   \Hy@backout{#1}%
13624   \hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
13625   \def\hyper@nat@current{#1}%
13626 }
13627 \def\hyper@natlinkend{%
13628   \if@RTL\endR\fi\hyper@linkend
13629 }
13630 \def\hyper@natlinkbreak#1#2{%
13631   \if@RTL\endR\fi\hyper@linkend#1\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi%
13632  }%
13633 }
13634 \pdfstringdefDisableCommands{%
13635   \let\LRE\@firstofone
13636   \let\LR\@firstofone
13637   \let\RLE\@firstofone
13638   \let\RL\@firstofone
13639   \def\XeTeX{XeTeX}%
13640   \def\XeLaTeX{XeLaTeX}%
13641 }
13642 \ifpackageloaded{longtable}{%
13643   \begingroup
13644     \def\y{\LT@array}%
13645     \ifundefined{scr@LT@array}{%
13646       \ifundefined{adl@LT@array}{\def\y{\adl@LT@array}}%
13647     }{\def\y{\scr@LT@array}}%
13648     \long\def\x{refstepcounter#1#2\@sharp#3#4\@nil}%
13649     \expandafter\endgroup
13650     \expandafter\def\y[##1]##2{%
13651       \H@refstepcounter{#1}%
13652       \hyper@makecurrent{table}%

```



```

13653      \let\Hy@LT@currentHref\@currentHref
13654      #2\@sharp####4%
13655      }%
13656      }%
13657      \expandafter\expandafter\expandafter\x\y[{#1}]{#2}\@nil
13658      \begingroup
13659      \def\x#1\ifvoid\LT@foot#2\fi#3\@nil{%
13660      \endgroup
13661      \def\LT@start{%
13662      #1%
13663      \ifvoid\LT@foot#2\fi
13664      \let\@currentHref\Hy@LT@currentHref
13665      \Hy@raisedlink{%
13666      \hyper@anchorstart{\@currentHref}\hyper@anchorend
13667      }%
13668      #3%
13669      }%
13670      }%
13671      \expandafter\x\LT@start\@nil
13672      }{}
13673      \bidi@patchcmd\@TextField{%
13674      \@pdfm@mark
13675      }{%
13676      \if@RTL
13677      \hskip\Fld@width
13678      \fi
13679      \@pdfm@mark
13680      }{}{}
13681      \bidi@patchcmd\@TextField{%
13682      \unhbox
13683      }{%
13684      \if@RTL
13685      \hskip-\Fld@width
13686      \fi
13687      \unhbox
13688      }{}{}
13689      \bidi@patchcmd\@@Radio{%
13690      \@pdfm@mark
13691      }{%
13692      \if@RTL
13693      \hskip\Fld@width
13694      \fi
13695      \@pdfm@mark
13696      }{}{}
13697      \bidi@patchcmd\@@Radio{%
13698      \unhcopy
13699      }{%
13700      \if@RTL
13701      \hskip-\Fld@width
13702      \fi
13703      \unhcopy
13704      }{}{}
13705      \bidi@patchcmd\@Submit{%
13706      \@pdfm@mark

```



```

13707 }{%
13708   \if@RTL
13709     \null
13710     \hskip\wd\pdfm@box
13711   \fi
13712   \@pdfm@mark
13713 }{}{}
13714 \bidi@patchcmd\@Submit{%
13715   \unhbox
13716 }{%
13717   \if@RTL
13718     \hskip-\wd\pdfm@box
13719   \fi
13720   \unhbox
13721 }{}{}
13722 \bidi@patchcmd\@Reset{%
13723   \@pdfm@mark
13724 }{%
13725   \if@RTL
13726     \null
13727     \hskip\wd\pdfm@box
13728   \fi
13729   \@pdfm@mark
13730 }{}{}
13731 \bidi@patchcmd\@Reset{%
13732   \unhbox
13733 }{%
13734   \if@RTL
13735     \hskip-\wd\pdfm@box
13736   \fi
13737   \unhbox
13738 }{}{}

```

## 77 File `imsproc-xetex-bidi.def`

```

13739 \ProvidesFile{imsproc-xetex-bidi.def}[2017/06/09 v0.1 bidi adaptations for imspc class for
13740 \newenvironment{thebibliography}[1]{%
13741   \@bibtitlestyle
13742   \normalfont\bibliofont\labelsep .5em\relax
13743   \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
13744   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13745   \bidi@thebibliography@font@hook
13746   \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
13747     \leftmargin\labelwidth \advance\leftmargin\labelsep
13748     \usecounter{enumiv}}%
13749   \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
13750   \sfcode`\.\@m
13751 }{%
13752   \def\@noitemerr{\@latex@warning{Empty 'thebibliography' environment}}%
13753   \endlist
13754 }
13755
13756 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
13757   \columnseprule\z@ \columnsep 35\p@

```



```

13758 \@indextitlestyle
13759 \thispagestyle{plain}%
13760 \let\item\@idxitem
13761 \parindent\z@ \parskip\z@\@plus.3\p@\relax
13762 \if@RTL\raggedleft\else\raggedright\fi
13763 \hyphenpenalty\@M
13764 \footnotesize}
13765 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
13766 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
13767 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
13768
13769 \def\right@footnoterule{%
13770 \kern-.4\p@
13771 \hbox to \columnwidth{\hskip \dimexpr\columnwidth-5pc\relax \hrulefill }
13772 \kern11\p@\kern-\footnotesep}
13773 \def\left@footnoterule{\kern-.4\p@
13774 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
13775 \def\@makefnmark{%
13776 \leavevmode
13777 \raise.9ex\hbox{\fontsize\sf@size\z@\normalfont\@thefnmark}%
13778 }
13779
13780 \def\part{\@startsection{part}{0}%
13781 \z@{\linespacing\@plus\linespacing}{.5\linespacing}%
13782 {\normalfont\bfseries\if@RTL\raggedleft\else\raggedright\fi}}
13783 \def\tocline#1#2#3#4#5#6#7{\relax
13784 \ifnum #1>\c@tocdepth % then omit
13785 \else
13786 \par \addpenalty\@secpenalty\addvspace{#2}%
13787 \begingroup \hyphenpenalty\@M
13788 \@ifempty{#4}{%
13789 \@tempdima\c@tocdepth\relax
13790 }{%
13791 \@tempdima#4\relax
13792 }%
13793 \parindent\z@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\leftskip\fi#4\relax
13794 \if@RTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
13795 #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
13796 \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
13797 \nobreak
13798 \endgroup
13799 \fi}
13800 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
13801 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
13802 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
13803 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
13804 \def\maketitle{\par
13805 \@topnum\z@ % this prevents figures from falling at the top of page 1
13806 \@setcopyright
13807 \thispagestyle{firstpage}% this sets first page specifications
13808 \uppercasenonmath\shorttitle
13809 \ifx\@empty\shortauthors \let\shortauthors\shorttitle
13810 \else \andify\shortauthors
13811 \fi

```





```

13812 \@maketitle@hook
13813 \begingroup
13814 \@maketitle
13815 \toks@{\exp{\shortauthors}\@temptokena\exp{\shorttitle}}%
13816 \toks4{\def\\{\ignorespaces}}% defend against questionable usage
13817 \edef\@tempa{%
13818   \@nx\markboth{\the\toks4
13819     \@nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
13820 \@tempa
13821 \endgroup
13822 \c@footnote\z@
13823 \@cleartopmattertags
13824 }

```

## 78 File leqno-xetex-bidi.def

```

13825 \ProvidesFile{leqno-xetex-bidi.def}[2018/01/07 v0.2 bidi adaptations for leqno tag for XeTeX]
13826 \renewcommand\@eqnnum{\hb@xt@.01\p@{}}%
13827   \rlap{\hskip -\displaywidth
13828     {\normalfont\normalcolor\if@RTL\beginR\fi(\theequation)\if@RTL\endR}}

```

## 79 File letter-xetex-bidi.def

```

13829 \ProvidesFile{letter-xetex-bidi.def}[2015/11/14 v0.3 bidi adaptations for standard letter class]
13830 \renewcommand*\opening[1]{\ifx\@empty\fromaddress
13831   \thispagestyle{firstpage}%
13832   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
13833 \else % home address
13834   \thispagestyle{empty}%
13835   {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
13836     \fromaddress \*[2\parskip]%
13837     \@date \end{tabular}\par}%
13838 \fi
13839 \vspace{2\parskip}%
13840 {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip] \toaddress \par}%
13841 \vspace{2\parskip}%
13842 #1\par\nobreak}
13843 \renewcommand\left@footnoterule{%
13844   \kern-\p@
13845   \hrule \@width .4\columnwidth
13846   \kern .6\p@}
13847 \renewcommand\right@footnoterule{%
13848   \kern-\p@
13849   \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
13850   \kern .6\p@}

```

## 80 File lettrine-xetex-bidi.def

```

13851 \ProvidesFile{lettrine-xetex-bidi.def}[2019/05/01 v0.7 bidi adaptations for lettrine package]
13852 \def\@lettrine[#1]#2#3{%
13853   \def\l@initial{#2}\let\l@refstring\l@initial
13854   \setcounter{L@lines}{\value{DefaultLines}}%
13855   \setcounter{L@depth}{\value{DefaultDepth}}%
13856   \renewcommand*\L@hang{\DefaultLhang}%

```



```

13857 \renewcommand*{\L@oversize}{\DefaultLoversize}%
13858 \renewcommand*{\L@raise}{\DefaultLraise}%
13859 \renewcommand*{\L@ante}{}%
13860 \setlength{\L@Findent}{\DefaultFindent}%
13861 \setlength{\L@Nindent}{\DefaultNindent}%
13862 \setlength{\L@slope}{\DefaultSlope}%
13863 \setlength{\L@novskip}{\DiscardVskip}%
13864 \ifLettrineImage\L@imagetrue\else\L@imagefalse\fi
13865 \ifLettrineOnGrid\L@gridtrue\else\L@gridfalse\fi
13866 \ifLettrineRealHeight\L@realhtrue\else\L@realhffalse\fi
13867 \ifLettrineSelfRef\L@selfreftrue\else\L@selfreffalse\fi
13868 \setkeys{L}{\#1}%
13869 \sbox{\L@tbox}{\LettrineTextFont{\LettrineSecondString}}%
13870 \ifL@realh
13871   \def\@tempa{\#3}%
13872   \ifx\@tempa\@empty
13873     \PackageWarning{lettrine.sty}%
13874       {Empty second argument, \MessageBreak
13875         ignoring option `realheight'};%
13876   \else
13877     \sbox{\L@tbox}{\LettrineTextFont{\#3}}%
13878   \fi
13879 \fi
13880 \if\DefaultOptionsFile\relax
13881 \else
13882   \begingroup
13883   \InputIfFileExists{\DefaultOptionsFile}%
13884     {}%
13885     {\PackageWarning{lettrine.sty}%
13886       {File \DefaultOptionsFile\space not found}}%
13887   }%
13888   \def\color##1##{\l@color{##1}}%
13889   \let\l@color\@gobbletwo
13890   \def\textcolor##1##{\l@textcolor{##1}}%
13891   \def\l@textcolor##1##2##3{##3}%
13892   \expandafter\ifx\csname l@#2-keys\endcsname\relax
13893     \gdef\l@LOKeys{}%
13894   \else
13895     \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
13896   \fi
13897 \endgroup
13898 \def\KV@prefix{KV@L@}%
13899 \let\@tempc\relax
13900 \expandafter\KV@do\l@LOKeys,\relax,
13901 \setupL@lbox
13902 \setlength{\LettrineWidth}{\wd\L@lbox}%
13903 \def\KV@prefix{KV@L@}%
13904 \let\@tempc\relax
13905 \expandafter\KV@do\l@LOKeys,\relax,
13906 \setkeys{L}{\#1}%
13907 \fi
13908 \setupL@lbox
13909 \setlength{\LettrineWidth}{\wd\L@lbox}%
13910 \setlength{\LettrineHeight}{\ht\L@lbox}%

```



```

13911 \setlength{\LettrineDepth}{\dp\L@lbox}%
13912 \begingroup
13913 \def\IeC##1{##1}%
13914 \@tempdima=\L@oversize pt\relax
13915 \PackageInfo{lettrine.sty}%
13916 {Targeted height = \the\L@target@ttht\MessageBreak
13917 (no accent, loversize=0),\MessageBreak
13918 Lettrine height = \the\LettrineHeight\space (#2)%
13919 \ifdim\@tempdima=\z@\else\space loversize=\L@oversize\fi;%
13920 \MessageBreak reported}%
13921 \endgroup
13922 \sbox{\L@tbox}{\LettrineTextFont{#3}}%
13923 \setlength{\L@first}{\LettrineHeight}%
13924 \setlength{\L@lraise}{\L@raise\L@target@ttht}%
13925 \addtolength{\L@first}{\L@lraise}%
13926 \ifnum\value{L@lines}=1
13927 \addtolength{\L@first}{-\ht\L@tbox}%
13928 \else
13929 \addtolength{\L@first}{-\L@target@ttht}%
13930 \addtolength{\L@lraise}{-\L@target@dp}%
13931 \fi
13932 \par
13933 \ifdim\L@first>\L@novskip
13934 \ifL@grid
13935 \@tempdima=\baselineskip
13936 \@tempdimb=\@tempdima
13937 \advance\@tempdimb by \L@novskip
13938 \@tempcnta=1
13939 \loop\ifdim\L@first>\@tempdimb
13940 \advance\@tempcnta by 1
13941 \advance\L@first by -\@tempdima
13942 \repeat
13943 \L@first=\@tempcnta\baselineskip
13944 \fi
13945 \vskip\L@first
13946 \fi
13947 \setlength{\L@Pindent}{\wd\L@lbox}%
13948 \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
13949 \settowidth{\L@first}{\L@ante}%
13950 \addtolength{\L@Pindent}{\L@first}%
13951 \addtolength{\L@Pindent}{\L@Findent}%
13952 \setlength{\L@first}{\linewidth}%
13953 \addtolength{\L@first}{-\L@Pindent}%
13954 \addtolength{\L@Nindent}{\L@Pindent}%
13955 \setlength{\L@next}{\linewidth}%
13956 \addtolength{\L@next}{-\L@Nindent}%
13957 \addtolength{\L@Pindent}{\@totalleftmargin}%
13958 \addtolength{\L@Nindent}{\@totalleftmargin}%
13959 \addtocounter{L@lines}{1}%
13960 \addtocounter{L@lines}{\value{L@depth}}%
13961 \ifRTL
13962 \def\L@parshape{\c@L@lines \z@ \the\L@first}%
13963 \else
13964 \def\L@parshape{\c@L@lines \the\L@Pindent \the\L@first}%

```



```

13965 \fi
13966 \@tempcnta=\tw@
13967 \@whilenum \@tempcnta<\c@L@lines\do{%
13968     \if@RTL
13969         \edef\L@parshape{\L@parshape \z@ \the\L@next}%
13970     \else
13971         \edef\L@parshape{\L@parshape \the\L@Nindent \the\L@next}%
13972     \fi
13973     \addtolength{\L@Nindent}{\L@slope}%
13974     \addtolength{\L@next}{-\L@slope}%
13975     \advance\@tempcnta\@ne}%
13976 \if@RTL
13977     \edef\L@parshape{\L@parshape \z@ \the\linewidth}%
13978 \else
13979     \edef\L@parshape{\L@parshape \@totalleftmargin \the\linewidth}%
13980 \fi
13981 \noindent
13982 \parshape=\L@parshape\relax
13983 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
13984         \hskip \the\L@Findent}}%
13985 \usebox{\L@tbox}%
13986 \ifnum\@listdepth>0 \Lreset@listparshape \fi
13987 }

```

## 81 File lineno-xetex-bidi.def

```

13988 \ProvidesFile{lineno-xetex-bidi.def}[2018/01/28 v0.2 bidi adaptations for lineno package for
13989 \bidi@patchcmd{\MakeLineNo}{%
13990     \hb@xt@\z@{\makeLineNumber}%
13991 }{%
13992     \hboxL to \z@{\makeLineNumber}%
13993 }{}{}
13994
13995 \bidi@patchcmd{\makeLineNumberLeft}{\LineNumber}{%
13996     \if@RTL
13997         \hb@xt@\linewidthwidth{\LineNumber\hss}%
13998     \else
13999         \LineNumber
14000     \fi
14001 }{}{}
14002
14003 \bidi@patchcmd{\makeLineNumberRight}{%
14004     \hb@xt@\linewidthwidth{\hss\LineNumber}%
14005 }{%
14006     \if@RTL
14007         \LineNumber
14008     \else
14009         \hb@xt@\linewidthwidth{\hss\LineNumber}%
14010     \fi
14011 }{}{}
14012
14013 \bidi@AfterPreamble{%
14014     \if@RTLmain
14015         \rightlinenumbers*

```



```

14016 \else
14017   \leftlinenumbers*
14018 \fi
14019 \@ifpackagewith{lineno}{left}{%
14020   \leftlinenumbers*
14021 }{}
14022 \@ifpackagewith{lineno}{right}{%
14023   \rightlinenumbers*
14024 }{}
14025 }
14026

```

## 82 File listings-xetex-bidi.def

```

14027 \ProvidesFile{listings-xetex-bidi.def}[2018/09/15 v1.5 bidi adaptations for listings package]
14028 \lst@Key{captiondirection}{texdirection}{%
14029   \lstKV@SwitchCases{#1}%
14030   {texdirection:\\%
14031     RTL:\chardef\bidi@lst@caption@direction\@ne\\%
14032     LTR:\chardef\bidi@lst@caption@direction\z@%
14033   }{\PackageError{Listings}{direction #1 unknown}\@ehc}}
14034
14035 \lst@Key{captionscript}{textscript}{%
14036   \lstKV@SwitchCases{#1}%
14037   {textscript:\\%
14038     latin:\chardef\bidi@lst@caption@script\@ne\\%
14039     nonlatin:\chardef\bidi@lst@caption@script\z@%
14040   }{\PackageError{Listings}{direction #1 unknown}\@ehc}}
14041
14042 \newcommand*{\bidi@lst@ensure@caption@direction}[2]{%
14043   \@ifundefined{bidi@lst@caption@direction}{-}{%
14044     \ifnum\bidi@lst@caption@direction=\z@%
14045       #1%
14046     \else%
14047       \ifnum\bidi@lst@caption@direction=\@ne%
14048         #2%
14049       \fi%
14050     \fi%
14051 }}
14052
14053 \newcommand*{\bidi@lst@ensure@caption@script}[2]{%
14054   \@ifundefined{bidi@lst@caption@script}{-}{%
14055     \ifnum\bidi@lst@caption@script=\z@%
14056       #1%
14057     \else%
14058       \ifnum\bidi@lst@caption@script=\@ne%
14059         #2%
14060       \fi%
14061     \fi%
14062 }}
14063
14064 \long\def\@bidi@lst@makecaption#1#2{%
14065   \bidi@lst@ensure@caption@script{\@nonlatintrue}{\@nonlatinfalse}%
14066   \vskip\abovcaptionskip

```



```

14067 \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
14068 \sbox\@tempboxa{%
14069 \bidi@lst@ensure@caption@direction{\beginL}{\beginR}%
14070 #1: #2%
14071 \bidi@lst@ensure@caption@direction{\endL}{\endR}%
14072 }%
14073 \ifdim \wd\@tempboxa >\hsize
14074 #1: #2\par
14075 \else
14076 \global \@minipagefalse
14077 \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
14078 \fi
14079 \vskip\belowcaptionskip}%
14080 \def\lst@makecaption{\@bidi@lst@makecaption}
14081 \def\lst@maketitle{\@bidi@lst@makecaption\lst@title@dropdelim}
14082 \bidi@AtEndPreamble{%
14083 \bidi@patchcmd{\lst@MakeCaption}{%
14084 \ifx #1t%
14085 \ifx\lst@@caption\@empty\expandafter\lst@HRefStepCounter \else
14086 \expandafter\refstepcounter
14087 \fi \lstlisting}%
14088 }{%
14089 \ifx #1t%
14090 \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
14091 \ifx\lst@@caption\@empty\expandafter\lst@HRefStepCounter \else
14092 \expandafter\refstepcounter
14093 \fi \lstlisting}%
14094 \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLfalse}%
14095 }{}{}%
14096 \bidi@patchcmd{\lst@MakeCaption}{%
14097 \addcontentsline{lol}{\lstlisting}%
14098 {\protect\numberline{\thelstlisting}\lst@@caption}%
14099 }{%
14100 \begingroup%
14101 \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
14102 \addcontentsline{lol}{\lstlisting}%
14103 {\protect\numberline{\thelstlisting}\lst@@caption}%
14104 \endgroup%
14105 }{}{}%
14106 }
14107 \@ifpackageloaded{caption}{%
14108 \AtBeginCaption{%
14109 \bidi@lst@ensure@caption@script{\@nonlatintrue}{\@nonlatinfalse}%
14110 \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
14111 }
14112 \let\@bidi@lst@makecaption\caption@makecaption%
14113 \def\lst@makecaption{\caption@starfalse\@bidi@lst@makecaption}%
14114 \def\lst@maketitle{\caption@startrue\@bidi@lst@makecaption\@empty}%
14115 }{%
14116 \AtBeginDocument{%
14117 \@ifundefined{captionlabelfalse}{}%
14118 \def\lst@maketitle{\captionlabelfalse\@bidi@lst@makecaption\@empty}}%
14119 \@ifundefined{caption@startrue}{}%
14120 \def\lst@maketitle{\caption@startrue\@bidi@lst@makecaption\@empty}}%

```



```

14121 }%
14122 }
14123 \AtBeginDocument{
14124   \@ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{}
14125   \lst@ifnumberbychapter
14126     \gdef\thelstlisting%
14127       {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
14128   \else
14129     \gdef\thelstlisting{\@arabic\c@lstlisting}
14130   \fi}

```

## 83 File loadingorder-xetex-bidi.def

```

14131 \ProvidesFile{loadingorder-xetex-bidi.def}[2017/12/29 v0.97 making sure that bidi is the las
14132 \bidi@isloaded{amsmath}
14133 \bidi@isloaded{amstext}
14134 \bidi@isloaded{amsthm}
14135 \bidi@isloaded{animate}
14136 \bidi@isloaded{breqn}
14137 \bidi@isloaded{cals}
14138 \bidi@isloaded{caption}
14139 \bidi@isloaded{crop}
14140 \bidi@isloaded{cuted}
14141 \bidi@isloaded{cutwin}
14142 \bidi@isloaded{color}
14143 \bidi@isloaded{dblfntote}
14144 \bidi@isloaded{diagbox}
14145 \bidi@isloaded{xcolor}
14146 \bidi@isloaded{colortbl}
14147 \bidi@isloaded{float}
14148 \bidi@isloaded{floatrow}
14149 \bidi@isloaded{flowfram}
14150 \bidi@isloaded{framed}
14151 \bidi@isloaded{ftnright}
14152 \bidi@isloaded{xltextra}
14153 \bidi@isloaded{xunicode}
14154 \bidi@isloaded{wrapfig}
14155 \bidi@isloaded{graphicx}
14156 \bidi@isloaded{geometry}
14157 \bidi@isloaded{hvfloat}
14158 \bidi@isloaded{mdframed}
14159 \bidi@isloaded{midfloat}
14160 \bidi@isloaded{ntheorem}
14161 \bidi@isloaded{ntheorem-hyper}
14162 \bidi@isloaded{hyperref}
14163 \bidi@isloaded{fancybox}
14164 \bidi@isloaded{fancyhdr}
14165 \bidi@isloaded{fix2col}
14166 \bidi@isloaded{draftwatermark}
14167 \bidi@isloaded{empheq}
14168 \bidi@isloaded{overpic}
14169 \bidi@isloaded{pdfpages}
14170 \bidi@isloaded{listings}
14171 \bidi@isloaded{lettrine}

```



```

14172 \bidi@isloaded{lineno}
14173 \bidi@isloaded{media9}
14174 \bidi@isloaded{pstricks}
14175 \bidi@isloaded{pgf}
14176 \bidi@isloaded{pictinpar}
14177 \bidi@isloaded{quotchap}
14178 \bidi@isloaded{tikz}
14179 \bidi@isloaded{titlesec}
14180 \bidi@isloaded{titletoc}
14181 \bidi@isloaded{array}
14182 \bidi@isloaded{soul}
14183 \bidi@isloaded{stabular}
14184 \bidi@isloaded{subfig}
14185 \bidi@isloaded{subfigure}
14186 \bidi@isloaded{supertabular}
14187 \bidi@isloaded{xtab}
14188 \bidi@isloaded{longtable}
14189 \bidi@isloaded{arydshln}
14190 \bidi@isloaded{multicol}
14191 \bidi@isloaded{multienum}
14192 \bidi@isloaded{minitoc}
14193 \bidi@isloaded{natbib}
14194 \bidi@isloaded{newfloat}
14195 \bidi@isloaded{ragged2e}
14196 \bidi@isloaded{rotating}
14197 \bidi@isloaded{tabls}
14198 \bidi@isloaded{tabulary}
14199 \bidi@isloaded{tocbasic}
14200 \bidi@isloaded{tocstyle}
14201 \bidi@isloaded{tocbibind}
14202 \bidi@isloaded{fontspec}
14203 \bidi@isloaded{arabxetex}
14204 \bidi@isloaded{polyglossia}
14205 \bidi@isloaded{fancyvrb}
14206 \AtBeginDocument{
14207   \if@bidi@amsmathloaded@else
14208     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi packa
14209   \fi%
14210   \if@bidi@amstextloaded@else
14211     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi packa
14212   \fi%
14213   \if@bidi@amsthmloaded@else
14214     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi packa
14215   \fi%
14216   \if@bidi@animateloaded@else
14217     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package animate after bidi packa
14218   \fi%
14219   \if@bidi@breqnloaded@else
14220     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi packag
14221   \fi%
14222   \if@bidi@calsloaded@else
14223     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package
14224   \fi%
14225   \if@bidi@captionloaded@else

```





```

14226 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi pack
14227 \fi%
14228 \if@bidi@croploaded@else
14229 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package
14230 \fi%
14231 \if@bidi@colorloaded@else
14232 \@ifpackageloaded{hyperref}{\fi%
14233 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi packag
14234 \fi%
14235 \if@bidi@cutwinloaded@else
14236 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi packa
14237 \fi%
14238 \if@bidi@cutedloaded@else
14239 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi packag
14240 \fi%
14241 \if@bidi@dblfnote@else
14242 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi pac
14243 \fi%
14244 \if@bidi@diagboxloaded@else
14245 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package diagbox after bidi pack
14246 \fi%
14247 \if@bidi@xcolorloaded@else
14248 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi packa
14249 \fi%
14250 \if@bidi@colortblloaded@else
14251 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi pac
14252 \fi%
14253 \if@bidi@floatloaded@else
14254 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi packag
14255 \fi%
14256 \if@bidi@floatrowloaded@else
14257 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi pac
14258 \fi%
14259 \if@bidi@flowframloaded@else
14260 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi pac
14261 \fi%
14262 \if@bidi@framedloaded@else
14263 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi packa
14264 \fi%
14265 \if@bidi@ftnrightloaded@else
14266 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi pac
14267 \fi%
14268 \if@bidi@xltxtraloaded@else
14269 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltxtra after bidi pack
14270 \fi%
14271 \if@bidi@xunicodeloaded@else
14272 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi pac
14273 \fi%
14274 \if@bidi@wrapfigloaded@else
14275 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi pack
14276 \fi%
14277 \if@bidi@graphicxloaded@else
14278 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi pac
14279 \fi%

```



```

14280 \if@bidi@geometryloaded@else
14281 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi pac
14282 \fi%
14283 \if@bidi@hvfloatloaded@else
14284 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvfloat after bidi pack
14285 \fi%
14286 \if@bidi@mdframedloaded@else
14287 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi pac
14288 \fi%
14289 \if@bidi@midfloatloaded@else
14290 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi pac
14291 \fi%
14292 \if@bidi@ntheoremloaded@else
14293 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi pac
14294 \fi%
14295 \if@bidi@hyperrefloaded@else
14296 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi pac
14297 \fi%
14298 \if@bidi@fancyboxloaded@else
14299 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi pac
14300 \fi%
14301 \if@bidi@fancyhdrloaded@else
14302 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi pac
14303 \fi%
14304 \if@bidi@draftwatermarkloaded@else
14305 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bi
14306 \fi%
14307 \if@bidi@empheqlloaded@else
14308 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi packa
14309 \fi%
14310 \if@bidi@overpicloaded@else
14311 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package overpic after bidi pack
14312 \fi%
14313 \if@bidi@pdfpagesloaded@else
14314 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi pac
14315 \fi%
14316 \if@bidi@lettrineloaded@else
14317 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi pac
14318 \fi%
14319 \if@bidi@linenoloaded@else
14320 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lineno after bidi packa
14321 \fi%
14322 \if@bidi@listingsloaded@else
14323 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi pac
14324 \fi%
14325 \csname if@bidi@media9loaded@endcsname\else
14326 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package media9 after bidi packa
14327 \fi%
14328 \if@bidi@pstricksloaded@else
14329 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi pac
14330 \fi%
14331 \if@bidi@pgfloaded@else
14332 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package.
14333 \fi%

```



```

14334 \if@bidi@picinparloaded@else
14335 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi pac
14336 \fi%
14337 \if@bidi@quotchaploaded@else
14338 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi pac
14339 \fi%
14340 \if@bidi@tikzloaded@else
14341 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package
14342 \fi%
14343 \if@bidi@titlesecloaded@else
14344 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi pac
14345 \fi%
14346 \if@bidi@titletocloaded@else
14347 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi pac
14348 \fi%
14349 \if@bidi@arrayloaded@else
14350 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi packag
14351 \fi%
14352 \if@bidi@stabularloaded@else
14353 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi pac
14354 \fi%
14355 \if@bidi@soulloaded@else
14356 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package soul after bidi package
14357 \fi%
14358 \if@bidi@subfigloaded@else
14359 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi packa
14360 \fi%
14361 \if@bidi@subfigureloaded@else
14362 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi pa
14363 \fi%
14364 \if@bidi@supertabularloaded@else
14365 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi
14366 \fi%
14367 \if@bidi@xtabloaded@else
14368 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtab after bidi package
14369 \fi%
14370 \if@bidi@longtableloaded@else
14371 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi pa
14372 \fi%
14373 \if@bidi@arydshlnloaded@else
14374 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi pac
14375 \fi%
14376 \if@bidi@multicolloaded@else
14377 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi pac
14378 \fi%
14379 \if@bidi@multienumloaded@else
14380 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi pa
14381 \fi%
14382 \if@bidi@minitocloaded@else
14383 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi pack
14384 \fi%
14385 \if@bidi@natbibloaded@else
14386 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi packa
14387 \fi%

```



```

14388 \if@bidi@newfloatloaded@\else
14389 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi pac
14390 \fi%
14391 \csname if@bidi@ragged2eloaded@\endcsname\else
14392 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi pac
14393 \fi%
14394 \if@bidi@rotatingloaded@\else
14395 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi pac
14396 \fi%
14397 \if@bidi@tblsloaded@\else
14398 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi packag
14399 \fi%
14400 \if@bidi@tabularyloaded@\else
14401 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi pac
14402 \fi%
14403 \if@bidi@tocbasicloaded@\else
14404 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbasic after bidi pac
14405 \fi%
14406 \if@bidi@tocstyleloaded@\else
14407 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi pac
14408 \fi%
14409 \if@bidi@tocbibindloaded@\else
14410 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi pa
14411 \fi%
14412 \if@bidi@fontspecloaded@\else
14413 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi pac
14414 \fi%
14415 \if@bidi@arabxetexloaded@\else
14416 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi pa
14417 \fi%
14418 \if@bidi@polyglossialoaded@\else
14419 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi
14420 \fi%
14421 \if@bidi@fancyvrbloaded@\else
14422 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi pac
14423 \fi%
14424 }

```

## 84 File longtable-xetex-bidi.def

```

14425 \ProvidesFile{longtable-xetex-bidi.def}[2022/05/20 v0.6 bidi adaptations for longtable packa
14426 \def\LT@array[#1]#2{%
14427 \refstepcounter{table}\stepcounter{LT@tables}%
14428 \if l#1%
14429 \if@RTLtab\LTleft\fill \LTright\z@\else\LTleft\z@ \LTright\fill\fi
14430 \else\if r#1%
14431 \if@RTLtab\LTleft\z@ \LTright\fill\else\LTleft\fill \LTright\z@\fi
14432 \else\if c#1%
14433 \LTleft\fill \LTright\fill
14434 \fi\fi\fi
14435 \let\LT@mc\multicolumn
14436 \let\LT@tabarray\@tabarray
14437 \let\LT@hline\hline
14438 \def\@tabarray{%

```



```

14439 \let\hline\LT@@hl
14440 \LT@@tabarray}%
14441 \let\\\LT@tabularcr\let\tabularnewline\\%
14442 \def\newpage{\noalign{\break}}%
14443 \def\pagebreak{\noalign{\ifnum`}=0\fi\@testopt{\LT@no@pgbk-}4}%
14444 \def\nopagebreak{\noalign{\ifnum`}=0\fi\@testopt\LT@no@pgbk4}%
14445 \let\hline\LT@hline \let\kill\LT@kill\let\caption\LT@caption
14446 \@tempdima\ht\strutbox
14447 \let\@endpbox\LT@endpbox
14448 \ifx\extrarowheight\@undefined
14449 \let\@acol\@tabacol
14450 \let\@classz\@tabclassz \let\@classiv\@tabclassiv
14451 \def\@startpbox{\vtop\LT@startpbox}%
14452 \let\@@startpbox\@startpbox
14453 \let\@@endpbox\@endpbox
14454 \let\LT@LL@FM@cr\@tabularcr
14455 \else
14456 \advance\@tempdima\extrarowheight
14457 \col@sep\@tabcolsep
14458 \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
14459 \fi
14460 \setbox\@arstrutbox\hbox{\vrule
14461 \@height \arraystretch \@tempdima
14462 \@depth \arraystretch \dp \strutbox
14463 \@width \z@}%
14464 \let\@sharp#\let\protect\relax
14465 \begingroup
14466 \mkpream{#2}%
14467 \xdef\LT@bchunk{%
14468 \global\advance\c@LT@chunks\@ne
14469 \global\LT@rows\z@\setbox\z@\vbox\bgroup
14470 \LT@setprevdepth
14471 \tabskip\LT@left \noexpand\halign to\hsize\bgroup
14472 \tabskip\z@ \@arstrut \preamble \tabskip\LT@right \cr}%
14473 \endgroup
14474 \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols
14475 \LT@make@row
14476 \m@th\let\par\@empty
14477 \everycr{}\lineskip\z@\baselineskip\z@
14478 \LT@bchunk}
14479 \def\LT@makecaption#1#2#3{%
14480 \LT@mc@l\LT@cols c{\hbox to\z@{\hss\parbox[t]\LT@capwidth{%
14481 \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
14482 \ifdim\wd\@tempboxa>\hsize
14483 #1{#2: }#3%
14484 \else
14485 \hbox to\hsize{\hfil\box\@tempboxa\hfil}}%
14486 \fi
14487 \endgraf\vskip\baselineskip}%
14488 \hss}}
14489 \ifpackageloaded{caption}{%
14490 \renewcommand\LT@makecaption[3]{%
14491 \caption@LT@make{%
14492 \caption@LT@settype\LT@caption

```



```

14493 \caption@LT@setup
14494 \caption@setautoposition{\ifcase\LT@rows t\else b\fi}%
14495 \caption@startrue#1\caption@starfalse
14496 \caption@prepare@stepcounter\LTcapttype
14497 \caption@begin\LTcapttype
14498 \caption@normalsize
14499 \vskip-\ht\strutbox
14500 \caption@ifdefined\FBifcapttop{%
14501 \let\caption@belowskip\@empty}%
14502 \caption@make@above
14503 \caption@@make{#2}{#3}\endgraf
14504 \caption@make@below
14505 \caption@end}}%
14506 }{}
14507 \def\LT@startpbox#1{%
14508 \bgroup\color@begingroup
14509 \let\@footnotetext\LT@p@ftntext
14510 \let\@LTRfootnotetext\LT@p@LTRftntext
14511 \let\@RTLfootnotetext\LT@p@RTLftntext
14512 \setlength\hsize{#1}%
14513 \@arrayparboxrestore
14514 \vrule \@height \ht\@arstrutbox \@width \z@}
14515 \def\LT@p@LTRftntext#1{%
14516 \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]]}%
14517 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
14518 \def\LT@p@RTLftntext#1{%
14519 \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]]}%
14520 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
14521
14522
14523 \def\LT@output{%
14524 \ifnum\outputpenalty <-\@Mi
14525 \ifnum\outputpenalty > -\LT@end@pen
14526 \LT@err{floats and marginpars not allowed in a longtable}\@ehc
14527 \else
14528 \setbox\z@\vbox{\unvbox\@cclv}%
14529 \ifdim \ht\LT@lastfoot>\ht\LT@foot
14530 \dimen@\pagegoal
14531 \advance\dimen@-\ht\LT@lastfoot
14532 \ifdim\dimen@<\ht\z@
14533 \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
14534 \@makecol
14535 \@outputpage
14536 \setbox\z@\vbox{\box\LT@head}%
14537 \fi
14538 \fi
14539 \global\@colroom\@colht
14540 \global\vsizel\@colht
14541 \vbox
14542 {\if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi\unvbox\z@\box\ifvoid\LT@lastfoot\LT@fo
14543 \fi
14544 \else
14545 \setbox\@cclv\vbox{\if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi\unvbox\@cclv\copy\LT@fo
14546 \@makecol

```



```

14547 \@@outputpage
14548 \global\size\colroom
14549 \copy\LT@head\nobreak
14550 \fi}

```

## 85 File `lscapexetex-bidi.def`

```

14551 \ProvidesFile{lscapexetex-bidi.def}[2022/02/18 v0.1 bidi adaptations for lscap package for
14552 \bidi@patchcmd{\LS@rot}{\rotatebox{90}{\box\@outputbox}}{%
14553 \if@RTL
14554 \rotatebox[origin=br]{-90}{\box\@outputbox}%
14555 \else
14556 \rotatebox{90}{\box\@outputbox}%
14557 \fi
14558 }{}{}
14559 \g@addto@macro{\landscape}{%
14560 \let\bidi@left@footnoterule\left@footnoterule
14561 \let\bidi@right@footnoterule\right@footnoterule
14562 \def\left@footnoterule{%
14563 \if@RTL
14564 \bidi@right@footnoterule
14565 \else
14566 \bidi@left@footnoterule
14567 \fi
14568 }%
14569 \def\right@footnoterule{%
14570 \if@RTL
14571 \bidi@left@footnoterule
14572 \else
14573 \bidi@right@footnoterule
14574 \fi
14575 }%
14576 }

```

## 86 File `mathtoolsexetex-bidi.def`

```

14577 \ProvidesFile{mathtoolsexetex-bidi.def}[2018/01/07 v0.1 bidi adaptations for mathtools packa
14578 \MHInternalSyntaxOn
14579 \def\MT_define_tagform:nwnn #1[#2]#3#4{
14580 \@namedef{MT_tagform_#1:n}##1
14581 {\maketag@@@{\if@nonlatin\beginR\fi#3\kern\z@\ignorespaces#2{##1}\unskip\@italiccorr#4}
14582 }
14583 \renewtagform{default}{({})}
14584 \MHInternalSyntaxOff

```

## 87 File `mdframedxetex-bidi.def`

```

14585 \ProvidesFile{mdframedxetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package
14586 \newif\if@bidi@mdf@RTL
14587 \def\mdf@lrbox#1{%
14588 \mdf@patchamsthm%patch amsthm
14589 \if@RTL\@bidi@mdf@RTLtrue\fi%
14590 \@RTLfalse%
14591 \setbox#1\ vbox\bgroup%

```



```

14592 \color@begingroup%
14593 \if@bidi@mdf@RTL\@RTLtrue\fi%
14594 \mdf@horizontalmargin@equation%
14595 \columnwidth=\hsize%
14596 \textwidth=\hsize%
14597 \let\if@nobreak\iffalse%
14598 \let\if@noskipsec\iffalse%
14599 \let\par\@par%
14600 \let\-\@dischyph%
14601 \let\'@acci\let`\@accii\let=\@acciii%
14602 \parindent\z@ \parskip\z@skip%
14603 \linewidth\hsize%
14604 \@totalleftmargin\z@%
14605 \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
14606 \parfillskip\@flushglue \lineskip\normallineskip%
14607 \baselineskip\normalbaselineskip%
14608 %% \sloppy%
14609 \let\\\@normalcr%
14610 \mdf@par@local%New feature to restore parskip/parindent local in save box
14611 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
14612 \@afterindentfalse%
14613 %\@afterheading%
14614 }
14615 \renewrobustcmd\mdfframedtitleenv[1]{%
14616 \mdf@lrbox{\mdf@frametitlebox}%
14617 \mdf@frametitlealignment%
14618 \leavevmode{\color{\mdf@frametitlefontcolor}%
14619 \normalfont\mdf@frametitlefont{#1}
14620 \ifbool{mdf@ignorelastdescenders}%
14621 {%
14622 \par\strut\par
14623 \unskip\unskip\setbox0=\lastbox
14624 \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
14625 }{}}%
14626 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%
14627 \endmdf@lrbox\relax%
14628 \mdf@ignorevbadness%
14629 \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
14630 \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
14631 \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
14632 \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
14633 \mdfframetitleboxtotalheight=\dimexpr
14634 \ht\mdf@frametitlebox
14635 +\dp\mdf@frametitlebox%
14636 +\mdf@frametitleaboveskip@length
14637 +\mdf@frametitlebelowskip@length
14638 \relax%
14639 }
14640
14641 \renewrobustcmd*\mdf@footnoteoutput{%
14642 \ifvoid\@mpfootins\else%
14643 \nobreak%
14644 \vskip\mdf@footnotedistance@length%
14645 \normalcolor%

```





```

14646         \bidi@mpfootnoterule%
14647         \unvbox\@mpfootins%
14648     \fi%
14649 }
14650
14651
14652 \renewrobustcmd*\mdf@footnoteinput{%
14653     \def\@mpfn{mpfootnote}%
14654     \def\thempfn{\thempfootnote}%
14655     \c@mpfootnote\z@%
14656     \let\@footnotetext\@mpfootnotetext%
14657     \let\@LTRfootnotetext\@mpLTRfootnotetext%
14658     \let\@RTLfootnotetext\@mpRTLfootnotetext%
14659 }

```

## 88 File bidi-media9.sty

```

14660 \ProvidesExplPackage{bidi-media9}{2022/02/18}{0.4}
14661 {bidi fixes for media9 package for the XeTeX engine}
14662
14663 \keys_define:nn{media9/mbtn}{
14664     draft .code:n = {},
14665     final .code:n = {},
14666
14667     tooltip .tl_gset_x:N = \g_mix_tooltip_tl,
14668     tooltip .value_required:n = {true},
14669
14670     overface .code:n = {
14671         \sbox\l_mix_poster_box{
14672             \bool_if:NTF\g_pbs_lscape_bool{\rotatebox{90}{#1}}{\if@RTL\beginR\fi#1\if@RTL\endR\fi}
14673             \mix_pdfxform:n{\l_mix_poster_box}
14674             \tl_gset:Nx\g_mix_overbtn_tl{\mix_pdflastxform:}
14675         },
14676         overface .value_required:n = {true},
14677
14678         downface .code:n = {
14679             \sbox\l_mix_poster_box{
14680                 \bool_if:NTF\g_pbs_lscape_bool{\rotatebox{90}{#1}}{\if@RTL\beginR\fi#1\if@RTL\endR\fi}
14681                 \mix_pdfxform:n{\l_mix_poster_box}
14682                 \tl_gset:Nx\g_mix_downbtn_tl{\mix_pdflastxform:}
14683             },
14684             downface .value_required:n = {true},
14685
14686             3Dgotoview .code:n = {
14687                 \tl_set:Nx\l_tmpa_tl{#1} %extract ref
14688                 \regex_replace_once:nnN{([~:~]+):??.*}{\1}\l_tmpa_tl
14689                 \tl_trim_spaces:N\l_tmpa_tl
14690                 \tl_if_exist:cTF{ann@\l_tmpa_tl}{
14691                     \str_if_eq:eeF{\tl_use:c{ann@\l_tmpa_tl}}{draft}{
14692                         \tl_set:Nx\l_tmpb_tl{#1} %extract idx
14693                         \regex_replace_once:nnN{([~:~]+:~+){}}{\1}\l_tmpb_tl
14694                         \tl_trim_spaces:N\l_tmpb_tl
14695                         \tl_if_blank:VF\l_tmpb_tl{
14696                             \regex_match:nVTF{^[DFLNP]$}\l_tmpb_tl{

```



```

14697         \tl_set:Nx\l_mix_vidx_tl{/ \l_tmpb_tl}
14698     }{
14699         \regex_match:nVTF{^ \d+ $} \l_tmpb_tl{
14700             \tl_set:Nx\l_mix_vidx_tl{~ \l_tmpb_tl}
14701         }{
14702             \regex_replace_once:nnN{^ \(\s*\)} \l_tmpb_tl
14703             \regex_replace_once:nnN{\s*\)} \l_tmpb_tl
14704             \tl_set:Nx\l_mix_vidx_tl{~ (\l_tmpb_tl)}
14705         }
14706     }
14707 }
14708 \mix_pdfobj:nnn{}{dict}{
14709     /S/JavaScript/JS~(
14710         if(typeof(annotRM)=='undefined'){annotRM=new-Array();}
14711         if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
14712             annotRM['\l_tmpa_tl']=
14713                 this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
14714         }
14715         annotRM['\l_tmpa_tl'].activated=true;
14716     )
14717     \tl_if_blank:VF\l_tmpb_tl{
14718         /Next~<<
14719         /S/GoTo3DView
14720         /TA~\tl_use:c{ann@\l_tmpa_tl}
14721         /V\l_mix_vidx_tl
14722         >>
14723     }
14724 }
14725 \tl_gput_right:Nx\g_mix_btnactions_tl{~ \mix_pdflastobj:}
14726 }
14727 }{
14728     \msg_warning:nnx{media9}{undefined~reference}{\l_tmpa_tl}
14729     \cs_if_exist:NF\g_mix_refundefwarned_tl{
14730         \tl_new:N\g_mix_refundefwarned_tl
14731         \AtEndDocument{\msg_warning:nn{media9}{undefined~references}}
14732     }
14733 }
14734 },
14735 3Dgotoview .value_required:n = {true},
14736
14737 mediacommand .code:n = {
14738     \tl_set:Nx\l_tmpa_tl{#1}
14739     \regex_replace_once:nnN{([~:~]+)??.*}{\1}\l_tmpa_tl %extract ref
14740     \tl_trim_spaces:N\l_tmpa_tl
14741     \tl_if_exist:cTF{ann@\l_tmpa_tl}{
14742         \str_if_eq:eeF{\tl_use:c{ann@\l_tmpa_tl}}{draft}{
14743             \tl_set:Nx\l_tmpb_tl{#1}
14744             \regex_replace_once:nnN{[~:~]+ \: ?}{\1}\l_tmpb_tl
14745             \tl_trim_spaces:N\l_tmpb_tl
14746             \regex_replace_all:nnN{^ \(\s*\)} \l_tmpb_tl
14747             \tl_set:Nx\l_mix_cmd_tl{
14748                 \exp_after:wN\mix_separate_cmd_from_actn:w\l_tmpb_tl[]\q_stop}
14749             \tl_trim_spaces:N\l_mix_cmd_tl
14750             \tl_set:Nx\l_mix_arg_tl{

```



```

14751         \exp_after:wN\mix_separate_arg_from_actn:w\l_tmpb_tl[]\q_stop}
14752     \tl_trim_spaces:N\l_mix_arg_tl
14753     \mix_pdfobj:nnn{}{dict}{
14754         /S/JavaScript/JS~(
14755             if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
14756             if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
14757                 annotRM['\l_tmpa_tl']=
14758                 this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
14759             }
14760             annotRM['\l_tmpa_tl'].activated=true;
14761         )
14762     \tl_if_blank:VF\l_mix_cmd_tl{
14763         /Next~<<
14764         /S/RichMediaExecute
14765         /TA~\tl_use:c{ann@\l_tmpa_tl}
14766         /TI~\tl_use:c{main@\l_tmpa_tl}
14767         /CMD~<<
14768         /C~(\l_mix_cmd_tl)
14769         \tl_if_blank:VF\l_mix_arg_tl{
14770             /A~[\l_mix_arg_tl]
14771         }
14772         >>
14773     }
14774 }
14775 }
14776 \tl_gput_right:Nx\g_mix_btnactions_tl{~\mix_pdflastobj:}
14777 }
14778 ){
14779     \msg_warning:nnx{media9}{undefined~reference}{\l_tmpa_tl}
14780     \cs_if_exist:NF\g_mix_refundefwarned_tl{
14781         \tl_new:N\g_mix_refundefwarned_tl
14782         \AtEndDocument{\msg_warning:nn{media9}{undefined~references}}
14783     }
14784 }
14785 },
14786 mediacommand .value_required:n = {true},
14787
14788 jsaction .code:n = {
14789     \tl_set:Nx\l_tmpa_tl{#1}
14790     \regex_match:nVTF{^[^{:]+:.*$}\l_tmpa_tl{
14791         \regex_replace_once:nnN{([~:]+):??.*}{\1}\l_tmpa_tl %extract ref
14792         \tl_trim_spaces:N\l_tmpa_tl
14793     }{\tl_clear:N\l_tmpa_tl}
14794     \tl_set:Nx\l_tmpb_tl{#1}
14795     \tl_if_blank:VF\l_tmpa_tl{
14796         \tl_if_exist:cF{ann@\l_tmpa_tl}{
14797             \msg_warning:nnx{media9}{undefined~reference}{\l_tmpa_tl}
14798             \cs_if_exist:NF\g_mix_refundefwarned_tl{
14799                 \tl_new:N\g_mix_refundefwarned_tl
14800                 \AtEndDocument{\msg_warning:nn{media9}{undefined~references}}
14801             }
14802         }
14803         \regex_replace_once:nnN{[~:]+\.:}{\}\l_tmpb_tl
14804     }

```



```

14805 \tl_set:Nx\l_tmpb_tl{\exp_after:wN\use:n\l_tmpb_tl}
14806 \tl_trim_spaces:N\l_tmpb_tl
14807 \tl_if_blank:VF\l_tmpb_tl{
14808 \mix_pdfobj:nnn{}{dict}}{
14809 /S/JavaScript/JS~(
14810 try{\l_tmpb_tl}catch(e){console.show();console.println(e)}}}
14811 \bool_lazy_and:nnT{
14812 \tl_if_exist_p:c{ann@\l_tmpa_tl}
14813 }{
14814 !\str_if_eq_p:ee{\tl_use:c{ann@\l_tmpa_tl}}{draft}
14815 }{
14816 \mix_pdfobj:nnn{}{dict}}{
14817 /S/JavaScript/JS~(
14818 if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
14819 if(typeof(annotRM['\l_tmpa_tl'])=='undefined'){
14820 annotRM['\l_tmpa_tl']=
14821 this.getAnnotRichMedia(\tl_use:c{page@\l_tmpa_tl},'\l_tmpa_tl');
14822 }
14823 annotRM['\l_tmpa_tl'].activated=true;
14824 )
14825 \tl_if_blank:VF\l_tmpb_tl{/Next~\mix_pdflastobj:}
14826 }
14827 }
14828 \bool_if:nT{
14829 \bool_lazy_and_p:nn{
14830 \tl_if_exist_p:c{ann@\l_tmpa_tl}
14831 }{
14832 !\str_if_eq_p:ee{\tl_use:c{ann@\l_tmpa_tl}}{draft}
14833 }
14834 || !\tl_if_blank_p:V\l_tmpb_tl
14835 }{
14836 \tl_gput_right:Nx\g_mix_btnactions_tl{~\mix_pdflastobj:}
14837 }
14838 },
14839 jsaction .value_required:n = {true},
14840
14841 unknown .code:n = {
14842 \msg_error:nnx{media9}{unknown~option}{\l_keys_key_tl}
14843 }
14844 }
14845
14846 \RenewDocumentCommand\includemedia{0{}mm}{%#1 options, #2 text/image #3 media file
14847 \mix_uriend:
14848 \group_begin:
14849 \mix_beginLTR:
14850 \mode_leave_vertical:
14851 %empty stream as appearance dummy
14852 \cs_if_exist:NF\g_mix_appearance_tl{
14853 \hbox_set:Nn\l_mix_poster_box{\phantom{\rule{1pt}{1pt}}}
14854 \mix_pdfxform:n{\l_mix_poster_box}
14855 \tl_gset:Nx\g_mix_appearance_tl{\mix_pdflastxform:}
14856 }
14857 \mix_reset:
14858 \mix_uribegin: %treat URI characters correctly

```



```

14859 \keys_set:nn{media9/user}{#1}
14860 \mix_uriend:
14861 \tl_greplace_all:Nnn\g_mix_flashvars_tl{~&}{&}
14862 \tl_greplace_all:Nnn\g_mix_flashvars_tl{&~}{&}
14863 \tl_greplace_all:Nnn\g_mix_flashvars_tl{~=}{=}
14864 \tl_greplace_all:Nnn\g_mix_flashvars_tl{=~}{=}
14865 \tl_gtrim_spaces:N\g_mix_flashvars_tl
14866
14867 \cs_if_exist:NT\Ginput@path{\cs_set_eq:NN\input@path\Ginput@path}
14868
14869 %\hbox_set:Nn\l_mix_poster_box{\group_begin:#2\group_end:}
14870 %\hbox_set:Nn\l_mix_poster_box{#2}
14871 \sbox\l_mix_poster_box{\if@RTL\beginR\fi#2\if@RTL\endR\fi}
14872 \mix_scale:n{\l_mix_poster_box}
14873 \bool_if:nT{
14874   \dim_compare_p:n{\g_mix_tt_tl=\c_zero_dim}||
14875   \dim_compare_p:n{\g_mix_wd_tl=\c_zero_dim}
14876 }{
14877   \tl_gset:Nn\g_mix_usrpbtn_tl{none}
14878 }
14879 \bool_if:NTF\g_mix_usrdraft_bool{
14880   \tl_if_empty:NF\g_mix_usrlabel_tl{
14881     \mix_keytoaux_now:nn{ann@\g_mix_usrlabel_tl}{draft}
14882   }
14883   \tl_if_blank:oTF{#2}{
14884     \mix_urbegin: %treat URI characters correctly
14885     \mix_draftbox:n{\tl_to_str:n{#3}}
14886     \mix_uriend:
14887   }{
14888     \hbox_to_wd:nn{\g_mix_wd_tl}{
14889       \vrule-width~\c_zero_dim-height~\g_mix_ht_tl-depth~\g_mix_dp_tl
14890       \box_use:N\l_mix_poster_box\hss
14891     }
14892   }
14893 }{
14894   \bool_if:nF{\str_if_eq_p:Vn\g_mix_usrpbtn_tl{none}}{
14895     %attach script that switches off play button overlay upon activation
14896     \mix_pdfobj:nnn{}{stream}{
14897       {}{
14898         var~ocgs=host.getOCGs(host.pageNum);
14899         for(var~i=0;i<ocgs.length;i++){
14900           if(ocgs[i].name=='MediaPlayButton\int_use:N\g_mix_rmcnt_int'){
14901             ocgs[i].state=false;
14902           }
14903         }
14904       }
14905     }
14906     \mix_pdfobj:nnn{}{dict}{
14907       /Type/Filespec/EF~<</F~\mix_pdflastobj:>>/F~(btnoff)%/UF~(btnoff)
14908     }
14909     \tl_gset:Nx\g_mix_assets_tl{(btnoff)~\mix_pdflastobj:}
14910     \tl_set:Nx\l_mix_scripts_tl{~\mix_pdflastobj:~}
14911     %enforce plain playbutton overlay for XeTeX
14912     \sys_if_engine_xetex:T{\tl_gset:Nn\g_mix_usrpbtn_tl{plain}}

```



```

14913 }
14914 %embed main asset
14915 \mix_uribegin:
14916 \mix_embedasset:n{#3}
14917 \bool_if:nTF{
14918   \str_if_eq_p:Vn\l_mix_ext_tl{prc}||\str_if_eq_p:Vn\l_mix_ext_tl{u3d}
14919 }{
14920   \bool_gset_true:N\g_mix_iiid_bool
14921   \tl_gset:Nn\g_mix_mainassetsub_tl{3D}
14922 }{
14923   \str_case_e:nnF{\l_mix_base_tl}{
14924     {APlayer}{\tl_gset:Nn\g_mix_mainassetsub_tl{Sound}}
14925     {AudioPlayer}{\tl_gset:Nn\g_mix_mainassetsub_tl{Sound}}
14926     {VPlayer}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
14927     {VideoPlayer}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
14928     {StrobeMediaPlayback}{\tl_gset:Nn\g_mix_mainassetsub_tl{Video}}
14929   }{\tl_gset:Nn\g_mix_mainassetsub_tl{Flash}}
14930 }
14931 \tl_gset:Nx\g_mix_mainasset_tl{~\g_mix_lastasset_tl}
14932 \mix_uriend:
14933 %secondary assets (added by addresource)
14934 \seq_map_function:NN\g_mix_res_seq\mix_embedasset:n
14935 \seq_map_inline:Nn\g_mix_script_seq{
14936   \mix_embedasset:n{##1}
14937   \tl_put_right:Nx\l_mix_scripts_tl{~\g_mix_lastasset_tl}
14938 }
14939 %attach 3D calculation script
14940 \bool_if:nT{\g_mix_iiid_bool && \g_mix_iiidcalc_bool}{
14941   \mix_embedasset:n{3Dmenu.js}
14942   \tl_put_left:Nx\l_mix_scripts_tl{\g_mix_lastasset_tl~}
14943 }
14944 %create 3D views from file (option 3Dviews)
14945 \bool_if:nT{\g_mix_iiid_bool && !(\tl_if_blank_p:V\g_mix_vfile_tl)}{
14946   \tl_set:Nn\l_mix_level_tl{-1}
14947   \int_zero:N\l_mix_viewcnt_int
14948   \int_zero:N\l_mix_lineno_int
14949
14950   \ior_open:Nn\l_mix_vfile_stream{\g_mix_vfile_tl}
14951   \ior_map_inline:Nn\l_mix_vfile_stream{
14952     \int_incr:N\l_mix_lineno_int
14953     \keys_set:nn{media9/views}{##1} %process input line
14954   }
14955   \ior_close:N\l_mix_vfile_stream
14956 }
14957 \bool_if:nT{ %create default 3D view if required
14958   \g_mix_iiid_bool &&
14959   (\g_mix_opt_iiidview_bool || \tl_if_blank_p:V\l_mix_iiidviewarray_tl)
14960 }{
14961   \tl_set_eq:NN\l_mix_bg_tl\g_mix_opt_bg_tl
14962   \tl_set_eq:NN\l_mix_ls_tl\g_mix_opt_ls_tl
14963   \tl_set_eq:NN\l_mix_rm_tl\g_mix_opt_rm_tl
14964   \tl_set_eq:NN\l_mix_psob_tl\g_mix_opt_psob_tl
14965   \tl_set_eq:NN\l_mix_coo_tl\g_mix_opt_coo_tl
14966   \tl_set_eq:NN\l_mix_ctoc_tl\g_mix_opt_ctoc_tl

```



```

14967 \tl_set_eq:NN\l_mix_ciiw_tl\g_mix_opt_ciiw_tl
14968
14969 \fp_set_eq:NN\l_mix_roo_fp\g_mix_opt_roo_fp
14970 \fp_set_eq:NN\l_mix_aac_fp\g_mix_opt_aac_fp
14971 \fp_set_eq:NN\l_mix_oscale_fp\g_mix_opt_oscale_fp
14972 \fp_set_eq:NN\l_mix_roll_fp\g_mix_opt_roll_fp
14973
14974 \bool_set_eq:NN\l_mix_ciiw_bool\g_mix_opt_ciiw_bool
14975 \bool_set_eq:NN\l_mix_iiidortho_bool\g_mix_opt_iiidortho_bool
14976 \tl_clear:N\l_mix_naarray_tl
14977
14978 \bool_if:NF\l_mix_ciiw_bool{
14979   \tl_set:Nx\l_mix_args_tl{\l_mix_coo_tl\space\l_mix_ctoc_tl\space}
14980   \exp_after:wN\mix_calc_ciiw:w\l_mix_args_tl\q_stop
14981 }
14982
14983 \tl_clear:N\l_mix_naarray_tl
14984 \tl_clear:N\l_mix_saarray_tl
14985 \tl_set_eq:NN\l_mix_nr_tl\g_mix_nrdflt_tl
14986
14987 \mix_view:n{Default}
14988 \tl_set:Nx\l_mix_dfltview_tl{\mix_pdflastobj:}
14989
14990 }
14991 \mix_pdfobj:nnn{}{dict}{
14992   /Type/RichMediaInstance
14993   /Subtype/\g_mix_mainassetsub_tl
14994   /Asset~\g_mix_mainasset_tl
14995   \bool_if:NF\g_mix_iiid_bool{
14996     /Params~<<
14997     /Binding\str_if_eq:VnTF\g_mix_transp_tl{true}{
14998       /Foreground
14999     }{
15000       /Background
15001     }
15002     \tl_if_blank:VF\g_mix_flashvars_tl{
15003       /FlashVars~(\g_mix_flashvars_tl)
15004     }
15005     >>
15006   }
15007 }
15008 \tl_if_empty:NF\g_mix_usrlabel_tl{
15009   \mix_keytoaux_now:nn{main@\g_mix_usrlabel_tl}{\mix_pdflastobj:}
15010 }
15011 \mix_pdfobj:nnn{}{dict}{
15012   /Type/RichMediaConfiguration
15013   /Subtype/\g_mix_mainassetsub_tl
15014   /Instances~[\mix_pdflastobj:]
15015 }
15016 \mix_pdfobj:nnn{}{dict}{
15017   /Type/RichMediaContent
15018   /Assets~<</Names~[\g_mix_assets_tl]>>
15019   /Configurations~[\mix_pdflastobj:]
15020   \bool_if:nT{

```



```

15021     \g_mix_iid_bool && !(\tl_if_empty_p:V\l_mix_iidviewarray_tl)
15022   }{
15023     /Views~[\l_mix_iidviewarray_tl]
15024   }
15025 }
15026 \tl_set:Nx\l_mix_content_tl{\mix_pdflastobj:}
15027 \bool_if:nT{
15028   \g_mix_iid_bool && \str_if_eq_p:Vn\g_mix_playtpe_tl{Oscillating}
15029 }{
15030   \tl_gset:Nx\g_mix_playcnt_tl{\int_eval:n{\g_mix_playcnt_tl*2}}
15031 }
15032 %determine floating window size
15033 \bool_if:NT\g_mix_opt_windowed_bool{
15034   \exp_after:wN\mix_parse_winsizearg:w\g_mix_winsize_tl\q_stop
15035 }
15036 \mix_pdfobj:nnn{}{dict}{
15037   /Activation~<<
15038     /Condition\g_mix_act_tl
15039     \bool_if:nT{
15040       \g_mix_iid_bool &&
15041       !(\str_if_eq_p:Vn\g_mix_playtpe_tl{None})
15042     }{%seems to work only with 3D content
15043       /Animation~<<
15044         /Subtype/\g_mix_playtpe_tl
15045         /PlayCount~\g_mix_playcnt_tl
15046         /Speed~\g_mix_playspd_tl
15047       >>
15048     }
15049     \bool_if:nT{
15050       \g_mix_iid_bool && (
15051         \g_mix_opt_iidview_bool || \tl_if_blank_p:V\l_mix_iidviewarray_tl
15052       )
15053     }{/View~\l_mix_dfltview_tl}
15054   /Presentation~<<
15055     /Transparent~\g_mix_transp_tl
15056     \bool_if:NTF\g_mix_opt_windowed_bool{
15057       /Style/Windowed
15058     }/Window~<<
15059       /Width~<</Default~\tl_mix_fltd>>
15060       /Height~<</Default~\tl_mix_flht>>
15061       /Position~<<
15062         /HOffset~0/VOffset~0
15063         \str_case_e:nnF{\g_mix_winpos_tl}{
15064           {tl}{/VAlign/Near/HAlign/Near}
15065           {cl}{/VAlign/Center/HAlign/Near}
15066           {bl}{/VAlign/Far/HAlign/Near}
15067           {bc}{/VAlign/Far/HAlign/Center}
15068           {br}{/VAlign/Far/HAlign/Far}
15069           {cr}{/VAlign/Center/HAlign/Far}
15070           {tr}{/VAlign/Near/HAlign/Far}
15071           {tc}{/VAlign/Near/HAlign/Center}
15072         }{/HAlign/Center/VAlign/Center}
15073       >>
15074     >>

```





```

15075     }{
15076         /Style/Embedded
15077     }
15078     \bool_if:NTF\g_mix_iiid_bool{
15079         /Toolbar~\g_mix_tools_tl
15080         /NavigationPane~\g_mix_nav_tl
15081     }{
15082         /PassContextClick~\g_mix_contextclick_tl
15083     }
15084     >>
15085     \tl_if_blank:VF\l_mix_scripts_tl{/Scripts~[\l_mix_scripts_tl]}
15086     >>
15087     /Deactivation~<</Condition\g_mix_deact_tl>>
15088 }
15089 \tl_set:Nx\l_mix_settings_tl{\mix_pdflastobj:}
15090 \tl_if_empty:NF\g_mix_usrlabel_tl{
15091     \tl_gset_eq:NN\g_mix_label_tl\g_mix_usrlabel_tl
15092 }
15093 % #1:width, #2:height, #3:depth, #4:content (key-value)
15094 \mix_pdfannot:nnnn{\g_mix_wd_tl}{\g_mix_ht_tl}{\g_mix_dp_tl}{
15095     /Subtype/RichMedia
15096     /F~4
15097     /BS~<</W~0/S/S>>
15098     /Contents~(media~embedded~by~media9~[\g_mix_version_tl~(\g_mix_date_tl)])
15099     /NM~(\g_mix_label_tl)
15100     /AP~<</N~\g_mix_appearance_tl>>
15101     /RichMediaSettings~\l_mix_settings_tl
15102     /RichMediaContent~\l_mix_content_tl
15103 }
15104 \tl_if_empty:NF\g_mix_usrlabel_tl{
15105     \mix_keytoaux_now:nn{ann@\g_mix_usrlabel_tl}{\mix_pdflastann:}
15106     \mix_keytoaux_shipout:nn{page@\g_mix_usrlabel_tl}{
15107         \noexpand\the\g@mix@page@int}
15108 }
15109 \mix_pdfobj:nnn{}{dict}{
15110     /S/JavaScript/JS~(
15111         try{
15112             if(typeof(annotRM)=='undefined'){annotRM=new~Array();}
15113             if(typeof(annotRM['\g_mix_label_tl'])=='undefined'){
15114                 annotRM['\g_mix_label_tl']=
15115                     this.getAnnotRichMedia(this.pageNum,'\g_mix_label_tl');
15116             }
15117             \str_if_eq:eeF{\g_mix_usrpbtn_tl}{none}{
15118                 if(typeof(ocgBtn\int_use:N\g_mix_rmcnt_int)=='undefined'){
15119                     var~ocgs=this.getOCGs(this.pageNum);
15120                     for(var~i=0;i<ocgs.length;i++){
15121                         if(ocgs[i].name=='MediaPlayerButton\int_use:N\g_mix_rmcnt_int'){
15122                             var~ocgBtn\int_use:N\g_mix_rmcnt_int=ocgs[i];
15123                         }
15124                     }
15125                 }
15126             if(
15127                 !annotRM['\g_mix_label_tl'].activated&&(
15128                     app.viewerType=='Reader' ||

```



```

15129         app.viewerType=='Exchange' ||
15130         app.viewerType=='Exchange-Pro'
15131     )&&app.viewerVersion>=9
15132     ){
15133         ocgBtn\int_use:N\g_mix_rmcnt_int.state=true;
15134     }
15135 }
15136 }catch(e){}
15137 this.dirty=false;
15138 )
15139 }
15140 \mix_pdfannot:nnnn{Opt}{Opt}{Opt}{
15141     /Subtype/Widget
15142     /FT/Btn/Ff~65537/F~2
15143     /BS~<</W~0>>
15144     /T~(fd@ \g_mix_label_tl)
15145     /AA~<</P0~\mix_pdflastobj:~/PV~\mix_pdflastobj:>>
15146 }
15147 \mix_appendtofields:n{\mix_pdflastann:}
15148 \hbox_overlap_right:n{\box_use:N\l_mix_poster_box}
15149 \str_if_eq:eeTF{\g_mix_usrpbtn_tl}{none}{
15150     \hbox_to_wd:nn{\g_mix_wd_tl}{
15151         \vrule~width~\c_zero_dim~height~\g_mix_ht_tl~depth~\g_mix_dp_tl\hss
15152     }
15153 }{%insert play button overlay
15154 \mix_insert_btnocg: %create OCG
15155 \cs_gset_eq:Nc\mix_pbtn:NN{g@mix@pbtn@\g_mix_usrpbtn_tl @tl}
15156 \group_begin:
15157 \cs_if_exist:NT\textdir{\textdir TLT}
15158 \sbox\l_mix_pbtn_box{\mix_pbtn:NN\g_mix_wd_tl\g_mix_tt_tl}
15159 \box_move_down:nn{\g_mix_dp_tl}{
15160     \hbox_to_wd:nn{\g_mix_wd_tl}{
15161         \vbox_to_ht:nn{\g_mix_tt_tl}{
15162             \vss
15163             \ocgbase_oc_bdc:n{\g_mix_btnocg_tl}
15164             \box_use:N\l_mix_pbtn_box
15165             \ocgbase_oc_emc:
15166         }
15167     }
15168 }
15169 \group_end:
15170 }
15171 \int_gincr:N\g_mix_rmcnt_int
15172 }
15173 \mix_endLTR:
15174 \group_end:
15175 }
15176 \tl_set_eq:NN\l_mix_includemedia_tl\includemedia
15177 \tl_set:Nn\includemedia{\mix_uribegin:\l_mix_includemedia_tl}
15178
15179 \RenewDocumentCommand\mediabutton{0{m}}{%#1 options, #2 normal button text
15180 \mix_uribegin:
15181 \group_begin:
15182 \mix_beginLTR:

```



```

15183 \mode_leave_vertical:
15184 %reset various variables
15185 \tl_gclear:N\g_mix_overbtn_tl
15186 \tl_gclear:N\g_mix_downbtn_tl
15187 \tl_gclear:N\g_mix_btnactions_tl
15188 \tl_gclear:N\g_mix_tooltip_tl
15189 %process options
15190 \bool_gset_eq:NN\g_mix_btndraft_bool\g_mix_pkgdraft_bool
15191 \mix_uribegin: %treat URI characters correctly
15192 \keys_set:nn{media9/mbtndraft}{#1} %detect draft/final on first pass
15193 \bool_if:NF\g_mix_btndraft_bool{\keys_set:nn{media9/mbtn}{#1}}
15194 \mix_uriend:
15195 %normal button appearance
15196 %\hbox_set:Nn\l_mix_poster_box{#2}
15197 \sbox\l_mix_poster_box{\if@RTL\beginR\fi#2\if@RTL\endR\fi}
15198 \tl_set:Nx\width {\dim_use:N\box_wd:N\l_mix_poster_box}
15199 \tl_set:Nx\height{\dim_use:N\box_ht:N\l_mix_poster_box}
15200 \tl_set:Nx\depth {\dim_use:N\box_dp:N\l_mix_poster_box}
15201 \bool_if:NTF\g_mix_btndraft_bool{\box_use:N\l_mix_poster_box}{
15202   \sbox\l_mix_poster_box{\bool_if:NTF\g_pbs_lscape_bool{\rotatebox{90}{
15203     \box_use:N\l_mix_poster_box}}{\box_use:N\l_mix_poster_box}}
15204   \mix_pdfxform:n{\l_mix_poster_box}
15205   \tl_set:Nx\g_mix_normalbtn_tl{\mix_pdflastxform:}
15206   %insert widget annotation
15207   \mix_pdfannot:nnnn{\width}{\height}{\depth}{
15208     /Subtype/Widget
15209     /T~(mbtn@~\int_use:N\g_mix_mbtncnt_int)
15210     \tl_if_empty:NF\g_mix_tooltip_tl{~TU~(\g_mix_tooltip_tl)}
15211     /FT/Btn/Ff~65536
15212     \tl_if_empty:NF\g_mix_downbtn_tl{~H/I}{~H/P}
15213     /AP~<<
15214     /N~\g_mix_normalbtn_tl
15215     \tl_if_empty:NF\g_mix_overbtn_tl{~R~\g_mix_overbtn_tl}
15216     \tl_if_empty:NF\g_mix_downbtn_tl{~D~\g_mix_downbtn_tl}
15217     >>
15218     /MK~<<
15219     /TP~1~/IF~<</S/A/FB~true/A~[0.0~0.0]>>
15220     /I~\g_mix_normalbtn_tl
15221     \tl_if_empty:NF\g_mix_overbtn_tl{~RI~\g_mix_overbtn_tl}
15222     \tl_if_empty:NF\g_mix_downbtn_tl{~IX~\g_mix_downbtn_tl}
15223     >>
15224     /A~<<
15225     /S/JavaScript/JS~(app.focusRect=false;)
15226     %sequence of actions to perform
15227     \tl_if_empty:NF\g_mix_btnactions_tl{~Next~[\g_mix_btnactions_tl]}
15228     >>
15229   }
15230   \mix_appendtofields:n{\mix_pdflastann:}
15231   \hbox_to_wd:nn{\width}{
15232     \vrule~width~\c_zero_dim~height~\height~depth~\depth\hss
15233   }
15234   \int_gincr:N\g_mix_mbtncnt_int
15235 }
15236 \mix_endLTR:

```



```

15237 \group_end:
15238 }
15239 \tl_set_eq:NN\l_mix_mediabutton_tl\mediabutton
15240 \tl_set:Nn\mediabutton{\mix_uribegin:\l_mix_mediabutton_tl}
15241

```

## 89 File memoir-xetex-bidi.def

```

15242 \ProvidesFile{memoir-xetex-bidi.def}[2017/06/09 v0.6 bidi adaptations for memoir class for Xe
15243 \renewcommand{\keepthetitle}{%
15244 \@bsmttitleempty
15245 \global\let\thanks\relax
15246 \global\let\LTRthanks\relax
15247 \global\let\RTLthanks\relax
15248 \global\let\and\relax
15249 \global\let\andnext\relax
15250 \global\let\@thanks\@empty
15251 \global\let\@title\@empty
15252 \global\let\@author\@empty
15253 \global\let\@date\@empty}
15254 \renewcommand{\maketitle}{\par
15255 \begingroup
15256 \@bsmarkseries
15257 \def\@makefnmark{\@textsuperscript{%
15258 \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}%
15259 \long\def\@makefntext##1{\makethanksmark ##1}
15260 \if@twocolumn
15261 \ifnum \col@number=\@one
15262 \@maketitle
15263 \else
15264 \twocolumn[\@maketitle]%
15265 \fi
15266 \else
15267 \ifdim\pagetotal>\z@
15268 \newpage
15269 \fi
15270 \global\@topnum\z@
15271 \@maketitle
15272 \fi
15273 \thispagestyle{title}\@thanks
15274 \endgroup
15275 \@bscontmark % \setcounter{footnote}{0}%
15276 }
15277 \renewcommand*{\memRTLleftskip}{\if@RTL\rightskip\else\leftskip\fi}
15278 \renewcommand*{\memRTLrightskip}{\if@RTL\leftskip\else\rightskip\fi}
15279 \renewcommand*{\memRTLvleftskip}{\if@RTL\vrightskip\else\vleftskip\fi}
15280 \renewcommand*{\memRTLvrightskip}{\if@RTL\vleftskip\else\vrightskip\fi}
15281 \renewcommand*{\memRTLraggedright}{\if@RTL\raggedleft\else\raggedright\fi}
15282 \renewcommand*{\memRTLraggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
15283 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
15284 \renewcommand*{\thesubsection}{%
15285 \thesection\@SepMark\@arabic\c@subsection}
15286 \renewcommand*{\thesubsubsection}{%
15287 \thesubsection\@SepMark\@arabic\c@subsubsection}

```



```

15288 \renewcommand*{\theparagraph}{%
15289     \thesubsubsection\@SepMark\@arabic\c@paragraph}
15290 \renewcommand*{\thesubparagraph}{%
15291     \theparagraph\@SepMark\@arabic\c@subparagraph}
15292 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
15293 \renewcommand{\theequation}{%
15294     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
15295 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
15296 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
15297 \ifartopt
15298     \chapterstyle{article}
15299     \counterwithout{figure}{chapter}
15300     \counterwithout{table}{chapter}
15301     \counterwithout{footnote}{chapter}
15302     \counterwithout{equation}{chapter}
15303     \renewcommand{\chaptername}{}
15304     \renewcommand{\maketitlehookb}{%
15305         \vskip -1.5\topsep\vskip -1.5\partopsep}
15306     \renewcommand{\maketitlehookc}{%
15307         \vskip -1.5\topsep\vskip -1.5\partopsep}
15308 \fi
15309 \long\def\@makecaption#1#2{\let\@memtempa\relax
15310     \ifdim\prevdepth>-.99\p@ \vskip\abovecaptionskip
15311     \else \def\@memtempa{\vbox to\topskip{}}\fi
15312     \let\@contfnote\footnote \renewcommand{\footnote}[2]{}{}
15313     \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1]{}{}
15314     \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
15315     \let\footnote\@contfnote
15316     \let\footnotemark\@contfmark
15317     \ifdim\wd\@tempboxa<\linewidth \centering \fi
15318     \if@contcw
15319         \centering
15320         \parbox{\@contcwidth}{%
15321             \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
15322         \fi
15323     \ifdim\wd\@tempboxa<\linewidth
15324         \@contpre
15325         {\@contnfont #1\@contdelim}\@memtempa
15326         {\@contcshortstyle \@conttfont #2\@contfinal\par}
15327     \else
15328         \if@conthang
15329             \sbox\@tempboxa{\@contnfont #1\@contdelim}
15330             \@contpre%
15331             {\@contcstyle\hangindent=\wd\@tempboxa
15332                 \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal\par}
15333         \else
15334             \if@contindent
15335                 \@contpre%
15336                 {\@contnfont #1\@contdelim}\@memtempa
15337                 {\@contcstyle\hangindent=\@contindw
15338                     \hangafter=\@one\@conttfont #2\@contfinal\par}% <- v1.4
15339             \else
15340                 \@contpre%
15341                 {\@contnfont #1\@contdelim}\@memtempa

```



```

15342      {\@contcstyle \@conttfont #2\@contfinal\par}
15343      \fi
15344    \fi
15345  \fi
15346  \@contpost
15347  \if@contcw
15348    \par
15349  } % end of the \parbox
15350  \fi
15351  \vskip\belowcaptionskip}
15352  \@ifpackageloaded{caption}{%
15353  \AtBeginPackage{caption}{
15354  \ClassWarningNoLine{memoir}{%
15355  You are using the caption package with the memoir \MessageBreak
15356  class. This may cause unexpected or inconsistent \MessageBreak
15357  results if you use any of memoir's captioning facilities}
15358
15359  \long\def\@makecaption##1##2{%
15360    \vskip\abovecaptionskip
15361    \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
15362    \ifdim \wd\@tempboxa >\hsize
15363      \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
15364    \else
15365      \global \@minipagefalse
15366      \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
15367    \fi
15368    \vskip\belowcaptionskip}
15369
15370  \def\caption{%
15371    \ifx\@cuptype\@undefined
15372      \@latex@error{\noexpand\caption outside float}\@ehd
15373      \expandafter\@gobble
15374    \else
15375      \refstepcounter\@cuptype
15376      \expandafter\@firstofone
15377    \fi
15378    {\@dblarg{\@caption\@cuptype}}}%
15379  }
15380
15381  \long\def\@caption##1[##2]##3{%
15382    \par
15383    \addcontentsline{\csname ext@##1\endcsname}{##1}%
15384    {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}%
15385    \begingroup
15386      \@parboxrestore
15387      \if@minipage
15388        \setminipage
15389      \fi
15390      \normalsize
15391      \@makecaption{\csname fnum@##1\endcsname}{\ignorespaces ##3}\par
15392    \endgroup}
15393  }}{}
15394  \renewenvironment{thebibliography}[1]{%
15395    \bibsection

```



```

15396 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
15397 \bidi@thebibliography@font@hook%
15398 \begin{bibitemlist}{#1}}{\end{bibitemlist}}\postbibhook}

```

## 90 File midfloat-xetex-bidi.def

```

15399 \ProvidesFile{midfloat-xetex-bidi.def}[2017/05/06 v0.4 bidi adaptations for midfloat package]
15400 \def\RTL@outputdblcol{%
15401   \if@firstcolumn
15402     \global \@firstcolumnfalse
15403     \global\setbox\@leftcolumn\copy\@outputbox
15404     \splitmaxdepth\maxdimen
15405     \vbadness\maxdimen
15406     \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
15407     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
15408     \toks@\expandafter{\topmark}%
15409     \xdef\@firstcoltopmark{\the\toks@}%
15410     \toks@\expandafter{\splitfirstmark}%
15411     \xdef\@firstcolfirstmark{\the\toks@}%
15412     \ifx\@firstcolfirstmark\@empty
15413       \global\let\@setmarks\relax
15414     \else
15415       \gdef\@setmarks{%
15416         \let\firstmark\@firstcolfirstmark
15417         \let\topmark\@firstcoltopmark}%
15418     \fi
15419     \global\c@colht\@colht\global\c@addvipersep\z@
15420     \ifnum\j@o@sk>0
15421       \remove@strip\j@o@sar
15422       \global\@colht\the\j@o@pr
15423       \ifdim\right@cor>\z@
15424         \global\advance\@colht by\right@cor
15425       \fi
15426       \global\advance\@colht by\cor@height
15427       \global\cor@height=0pt
15428     \fi
15429     \global \setbox\@rightcolumn \vbox{%
15430   \else
15431     \ifdim\c@colht>\@colht
15432       \@tempdima\@colht
15433       \ifdim\@colht>\z@
15434         \global\setbox\@rightcolumn \vbox{%
15435           \unvbox\@rightcolumn
15436           \vbox to\@tempdima{%
15437             \vskip\c@addvipersep\unvbox\@outputbox}%
15438           \vskip\stripsep
15439           \vrule height\the\j@o@ht width 0pt depth 0pt
15440           \vskip\stripsep
15441         }%
15442         \global\c@addvipersep\m@addvipersep
15443       \else
15444         \global\setbox\@rightcolumn \vbox{%
15445           \unvbox\@rightcolumn
15446           \vrule height\the\j@o@ht width 0pt depth 0pt

```



```

15447             \vskip\stripsep
15448         }%
15449     \fi
15450     \ifnum\jua@sk>0
15451         \remove@strip\jua@sar
15452         \global\@colht\the\jua@pr
15453         \global\advance\@colht by -\ht\@rightcolumn
15454         \global\advance\@colht by\cor@height
15455         \global\cor@height=0pt
15456     \else
15457         \global\advance\c@colht by-\ht\@rightcolumn
15458         \global\@colht\c@colht
15459     \fi
15460 \else
15461 \global\@firstcolumntrue
15462 \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
15463     \unvbox\@rightcolumn
15464     \vskip\c@addvipersep
15465     \unvbox\@outputbox
15466 }%
15467 \setbox\@outputbox \vbox {%
15468     \hb@xt@\textwidth {%
15469         \hskip \columnwidth
15470         \hfil
15471         \vrule \@width\columnseprule
15472         \hfil
15473         \hb@xt@\columnwidth {%
15474             \bidi@firstcolumn@status@write%
15475             \box\@leftcolumn \hss}%
15476         \hskip-\textwidth
15477         \hb@xt@\columnwidth {%
15478             \bidi@lastcolumn@status@write%
15479             \box\@outputbox \hss}%
15480         \hskip\columnwidth
15481         \hskip\columnsep}%
15482     }%
15483 \@combinedblfloats
15484 \@setmarks
15485 \@outputpage
15486 \begingroup
15487     \@dblfloatplacement
15488     \@startdblcolumn
15489     \@whilesw\if@fcolmade \fi
15490     {\@outputpage
15491     \@startdblcolumn}%
15492 \endgroup
15493 \global\jua@sk=0\global\jua@sar={}
15494 \global\cor@height\z@\global\c@addvipersep\z@
15495 \fi
15496 \fi
15497 }
15498
15499
15500 \def\LTR@outputdblcol{%

```





```

15501 \if@firstcolumn
15502   \global \@firstcolumnfalse
15503   \global\setbox\@leftcolumn\copy\@outputbox
15504   \splitmaxdepth\maxdimen
15505   \vbadness\maxdimen
15506   \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
15507   \setbox\@outputbox\vsplit\@outputbox to\maxdimen
15508   \toks@\expandafter{\topmark}%
15509   \xdef\@firstcoltopmark{\the\toks@}%
15510   \toks@\expandafter{\splitfirstmark}%
15511   \xdef\@firstcolfirstmark{\the\toks@}%
15512   \ifx\@firstcolfirstmark\@empty
15513     \global\let\@setmarks\relax
15514   \else
15515     \gdef\@setmarks{%
15516       \let\firstmark\@firstcolfirstmark
15517       \let\topmark\@firstcoltopmark}%
15518   \fi
15519   \global\c@colht\@colht\global\c@addvipersep\z@
15520   \ifnum\jua@sk>0
15521     \remove@strip\jua@sar
15522     \global\@colht\the\jua@pr
15523     \ifdim\right@cor>\z@
15524       \global\advance\@colht by\right@cor
15525     \fi
15526     \global\advance\@colht by\cor@height
15527     \global\cor@height=0pt
15528   \fi
15529   \global\setbox\@rightcolumn\vbox{%
15530 \else
15531   \ifdim\c@colht>\@colht
15532     \@tempdima\@colht
15533     \ifdim\@colht>\z@
15534       \global\setbox\@rightcolumn\vbox{%
15535         \unvbox\@rightcolumn
15536         \vbox to\@tempdima{%
15537           \vskip\c@addvipersep\unvbox\@outputbox}%
15538         \vskip\stripsep
15539         \vrule height\the\jua@ht width 0pt depth 0pt
15540         \vskip\stripsep
15541       }%
15542       \global\c@addvipersep\m@addvipersep
15543     \else
15544       \global\setbox\@rightcolumn\vbox{%
15545         \unvbox\@rightcolumn
15546         \vrule height\the\jua@ht width 0pt depth 0pt
15547         \vskip\stripsep
15548       }%
15549   \fi
15550   \ifnum\jua@sk>0
15551     \remove@strip\jua@sar
15552     \global\@colht\the\jua@pr
15553     \global\advance\@colht by -\ht\@rightcolumn
15554     \global\advance\@colht by\cor@height

```



```

15555         \global\cor@height=0pt
15556     \else
15557         \global\advance\c@colht by-\ht\@rightcolumn
15558         \global\@colht\c@colht
15559     \fi
15560 \else
15561     \global\@firstcolumntrue
15562     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
15563         \unvbox\@rightcolumn
15564         \vskip\c@addvipersep
15565         \unvbox\@outputbox
15566     }%
15567     \setbox\@outputbox \vbox {%
15568         \hb@xt@\textwidth {%
15569             \hb@xt@\columnwidth {%
15570                 \bidi@firstcolumn@status@write%
15571                 \box\@leftcolumn \hss}%
15572             \hfil
15573             \vrule \columnwidth\columnseprule
15574             \hfil
15575             \hb@xt@\columnwidth {%
15576                 \bidi@lastcolumn@status@write%
15577                 \box\@outputbox \hss}%
15578             }%
15579         }%
15580     \@combinedblfloats
15581     \setmarks
15582     \outputpage
15583     \begingroup
15584         \@dblfloatplacement
15585         \startdblcolumn
15586         \@whiles\if@fcolmade \fi
15587         {\outputpage
15588          \startdblcolumn}%
15589     \endgroup
15590     \global\jua@sk=0\global\jua@sar={}%
15591     \global\cor@height\z@\global\c@addvipersep\z@
15592 \fi
15593 \fi
15594 }
15595
15596
15597 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
15598   \global \setbox\@viper\vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi
15599     \hsize\textwidth
15600     \parboxrestore
15601     \col@number \@ne
15602     \vrule height\topskip width0pt depth0pt
15603 }
15604
15605 \def\endstrip{%
15606     \egroup\egroup
15607     \if@firstcolumn
15608         \ifdim\pagetotal>\z@

```



```

15609          \vskip\stripsep
15610          \global\ht@strip\pagegoal
15611          \global\advance\ht@strip by-\pagetotal
15612          \global\advance\ht@strip by-\stripsep
15613          \global\advance\ht@strip by-\ht\viper
15614          \global\advance\ht@strip by-\stripsep
15615          \global\jua@ht=\ht\viper
15616        \else
15617          \global\ht@strip\z@
15618        \fi
15619      \ifdim\ht@strip>\z@
15620        \unvbox\viper
15621        \vskip\stripsep
15622        \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
15623        \global\advance\jua@sk by1
15624      \else
15625        \@latex@error{Strip needs more place!}\@ehc
15626        \if@vihproof
15627          \framebox[\columnwidth]{??? Strip ???}%
15628        \fi
15629      \fi
15630    \else
15631      \@latex@error{Strip is used only on left column!}\@ehc
15632      \if@vihproof
15633        \framebox[\columnwidth]{??? Strip ???}%
15634      \fi
15635    \fi
15636  }

```

## 91 File minitoc-xetex-bidi.def

```

15637 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package f
15638 \def\@undottedtoctline#1#2#3#4#5{%
15639   \ifnum #1>\c@tocdepth\relax \else
15640     \vskip \z@ plus.2\p@
15641     {\ifRTL\rightskip\else\leftskip\fi #2\relax \ifRTL\leftskip\else\rightskip\fi \@tocrmarg
15642     \parindent #2\relax\@afterindenttrue
15643     \interlinepenalty\@M
15644     \leavevmode
15645     \@tempdima #3\relax \advance\ifRTL\rightskip\else\leftskip\fi \@tempdima \hbox{}%
15646     \hskip -\ifRTL\rightskip\else\leftskip\fi
15647     #4\nobreak\hfill \nobreak
15648     \null\par}%
15649   \fi}
15650 \def\@Undottedtoctline#1#2#3#4#5{%
15651   \ifnum #1>\c@tocdepth\relax \else
15652     \vskip \z@ \@plus.2\p@
15653     {\ifRTL\rightskip\else\leftskip\fi #2\relax \ifRTL\leftskip\else\rightskip\fi \@tocrma
15654     \parindent #2\relax\@afterindenttrue
15655     \interlinepenalty\@M
15656     \leavevmode
15657     \@tempdima #3\relax
15658     \advance\ifRTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\ifRTL\righ
15659     {\coffefont #4}\nobreak \nobreak\null

```



```

15660     \par}%
15661   \fi}
15662 \def\@Undottedtoclinep#1#2#3#4#5{%
15663   \ifnum #1>\c@tocdepth\relax \else
15664     \vskip \z@ \@plus.2\p@
15665     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@toctocma
15666     \parindent #2\relax\@afterindenttrue
15667     \interlinepenalty\@M
15668     \leavevmode
15669     \@tempdima #3\relax
15670     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15671     {#4}\nobreak \hfill \nobreak\null
15672     \hbext@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
15673   \par}%
15674 \fi}

```

## 92 File multicol-xetex-bidi.def

```

15675 \ProvidesFile{multicol-xetex-bidi.def}[2022/02/01 v1.3 bidi adaptations for multicol package]
15676 \def\page@sofar{%
15677   \process@cols\mult@rightbox
15678   {\ifvoid\count@
15679     \setbox\count@\hbox to\hsize{%
15680       \else
15681         \wd\count@\hsize
15682       \fi}%
15683   \count@\col@number \advance\count@\m@ne
15684   \mult@info\z@
15685   {Column spec: \the\full@width\space = indent
15686     + columns + sep =\MessageBreak
15687     \the\multicol@leftmargin\space
15688     + \the\col@number\space
15689     x \the\hsize\space
15690     + \the\count@\space
15691     x \the\columnsep
15692   }%
15693   \ifmode\else\errmessage{Multicol Error}\fi
15694   \nointerlineskip
15695   \setbox\z@\hbox{\p}\global\dimen\tw@\dp\z@
15696   \moveright\multicol@leftmargin
15697   \hbox to\full@width{%
15698     \bidi@multicol@align@columns
15699     \rlap{\phantom p}%
15700   }%
15701   \prevdepth\z@
15702   \kern-\dimen\tw@
15703   \ifdim\dimen\tw@ > \mc@gridwarn
15704     \PackageWarning{multicol}%
15705       {Very deep columns!\MessageBreak
15706       Grid alignment might be broken}%
15707   \fi
15708 }
15709 \def\LTR@column@boxes{%
15710   \process@cols\mult@firstbox{%

```



```

15711     \ifdim\dp\count@>\dimen\tw@
15712         \global\dimen\tw@\dp\count@ \fi
15713     \mc@col@status@write
15714     \box\count@
15715     \hss{\columnseprulecolor\vrule
15716         \@width\columnseprule}\hss}%
15717     \ifdim\dp\mult@rightbox>\dimen\tw@
15718         \global\dimen\tw@\dp\mult@rightbox \fi
15719     \mc@lastcol@status@write
15720     \box\mult@rightbox
15721 }
15722
15723 \def\RTL@column@boxes{%
15724     \process@cols\mult@firstbox{%
15725         \hskip\hsize
15726         \hss{\columnseprulecolor\vrule
15727             \@width\columnseprule}\hss
15728     }%
15729     \hskip\hsize
15730     \process@cols\mult@firstbox{%
15731         \ifdim\dp\count@>\dimen\tw@
15732             \global\dimen\tw@\dp\count@ \fi
15733         \hskip-\hsize
15734         \mc@col@status@write
15735         \box\count@
15736         \hskip-\hsize
15737         \hskip-\columnsep
15738     }%
15739     \ifdim\dp\mult@rightbox>\dimen\tw@
15740         \global\dimen\tw@\dp\mult@rightbox \fi
15741     \hskip-\hsize
15742     \mc@lastcol@status@write
15743     \box\mult@rightbox
15744     \hskip-\hsize
15745     \hskip\full@width
15746 }
15747
15748 \newcommand\RTLmulticolcolumns
15749     {\let\bidimulticol@align@columns
15750      \RTL@column@boxes}
15751 \newcommand\LTRmulticolcolumns
15752     {\let\bidimulticol@align@columns
15753      \LTR@column@boxes}
15754 \newcommand\bidimulticol@align@columns
15755     {\if@RTLmain\RTL@column@boxes\else\LTR@column@boxes\fi}
15756 \bidimulticol@AtEndPreamble{%
15757     \if@bidi@csdef{footinsv@1}{%
15758         \def\footnoterule{\kern-3\p@
15759             \hrule \@width \textwidth \kern 2.6\p@}%
15760     }{}%
15761 }
15762 \def\multicols#1{\col@number#1\relax
15763     \ifnum\col@number<\tw@
15764         \PackageWarning{multicol}%

```



```

15765 {Using `\'number\'col@number'
15766 columns doesn't seem a good idea.^^J
15767 I therefore use two columns instead}%
15768 \col@number\tw@ \fi
15769 \ifnum\'col@number>20
15770 \PackageError{multicol}%
15771 {Too many columns}%
15772 {Current implementation doesn't
15773 support more than 20 columns.%
15774 \MessageBreak
15775 I therefore use 20 columns instead}%
15776 \col@number20 \fi
15777 \ifx\'@footnotetext\'mult@footnotetext
15778 \else
15779 \let\'orig@footnotetext\'@footnotetext
15780 \let\'@footnotetext\'mult@footnotetext
15781 \fi
15782 \ifx\'@LTRfootnotetext\'mult@LTRfootnotetext
15783 \else
15784 \let\'orig@LTRfootnotetext\'@LTRfootnotetext
15785 \let\'@LTRfootnotetext\'mult@LTRfootnotetext
15786 \fi
15787 \ifx\'@RTLfootnotetext\'mult@RTLfootnotetext
15788 \else
15789 \let\'orig@RTLfootnotetext\'@RTLfootnotetext
15790 \let\'@RTLfootnotetext\'mult@RTLfootnotetext
15791 \fi
15792 \@ifnextchar[\mult@cols{\mult@cols[]}]
15793 \long\def\'mult@footnotetext#1{\begingroup
15794 \hsize\textwidth
15795 \columnwidth\textwidth
15796 \orig@footnotetext{#1}\endgroup}
15797 \long\def\'mult@LTRfootnotetext#1{\begingroup
15798 \hsize\textwidth
15799 \columnwidth\textwidth
15800 \orig@LTRfootnotetext{#1}\endgroup}
15801 \long\def\'mult@RTLfootnotetext#1{\begingroup
15802 \hsize\textwidth
15803 \columnwidth\textwidth
15804 \orig@RTLfootnotetext{#1}\endgroup}
15805 \def\'right@footnoterule{%
15806 \kern-3\p@
15807 \hbox to \textwidth{\hskip \dimexpr\textwidth-.4\columnwidth\relax \hrulefill }
15808 \kern2.6\p@}
15809 \def\'textwidth@footnoterule{\kern-3\p@
15810 \hrule \@width \textwidth \kern 2.6\p@}
15811 \def\'bidi@leave@mult@copyins{%
15812 \advance\dimen@-\skip\'@bidi@copyins@
15813 \advance\dimen@-\ht\'@bidi@copyins@
15814 }
15815 \bidi@AtEndPreamble{%
15816 \if\'@bidi@csdef{footinsv}[]{%
15817 \def\'bidi@leave@mult@footins@vr{%
15818 \advance\dimen@-\skip\'footinsv@r

```



```

15819     \advance\dimen@-\ht\footinsv@r
15820   }%
15821   \def\bidileave@mult@footins@v1{%
15822     \advance\dimen@-\skip\footinsv@l
15823     \advance\dimen@-\ht\footinsv@l
15824   }%
15825   \def\bidii@init@mult@footinsv@r{%
15826     \multiply\count\footinsv@r\col@number
15827     \multiply\skip\footinsv@r\col@number
15828   }%
15829   \def\bidii@init@mult@footinsv@l{%
15830     \multiply\count\footinsv@l\col@number
15831     \multiply\skip\footinsv@l\col@number
15832   }%
15833   \def\bidireinsert@footnotesv@r{\ifvoid\footinsv@r\else
15834     \insert\footinsv@r{}\fi}%
15835   \def\bidireinsert@footnotesv@l{\ifvoid\footinsv@l\else
15836     \insert\footinsv@l{}\fi}%
15837   \bidi@patchcmd{\prepare@multicols}{%
15838     \reinsert@footnotes
15839   }{%
15840     \reinsert@footnotes
15841     \bidi@init@mult@footinsv@r
15842     \bidireinsert@footnotesv@r
15843     \bidi@init@mult@footinsv@l
15844     \bidireinsert@footnotesv@l
15845   }{}{}%
15846   \bidi@patchcmd{\multi@column@out}{%
15847     \ifnum \c@tracingmulticols>\thr@@
15848   }{%
15849     \ifvoid\footinsv@r
15850     \ifvoid\footinsv@l
15851     \else
15852       \PackageWarning{multicol}%
15853       {I moved some lines to
15854        the next page.\MessageBreak
15855        Footnotes on page
15856        \thepage\space might be wrong}%
15857     \fi
15858     \else
15859       \PackageWarning{multicol}%
15860       {I moved some lines to
15861        the next page.\MessageBreak
15862        Footnotes on page
15863        \thepage\space might be wrong}%
15864     \fi
15865     \ifnum \c@tracingmulticols>\thr@@
15866   }{}{}%
15867   \bidi@patchcmd{\endmulticols}{%
15868     \reinsert@footnotes
15869   }{%
15870     \reinsert@footnotes
15871     \bidireinsert@footnotesv@r
15872     \bidireinsert@footnotesv@l

```



```

15873 }{}{}%
15874 \bidi@patchcmd{\speci@ls}{%
15875   \reinsert@footnotes
15876 }{}{}%
15877   \reinsert@footnotes
15878   \bidi@reinsert@footnotesv@r
15879   \bidi@reinsert@footnotesv@l
15880 }{}{}%
15881 \bidi@patchcmd{\speci@ls}{%
15882   \reinsert@footnotes
15883 }{}{}%
15884   \reinsert@footnotes
15885   \bidi@reinsert@footnotesv@r
15886   \bidi@reinsert@footnotesv@l
15887 }{}{}%
15888 }{}{}%
15889 \bidi@patchcmd{\multi@column@out}{%
15890   \ifvbox \@kludgeins
15891 }{}{}%
15892   \if@bidi@csdef{footinsv@l}{%
15893     \divide\skip\footinsv@r\col@number
15894     \ifvoid\footinsv@r \else
15895       \bidi@leave@mult@footins@vr
15896     \fi
15897     \divide\skip\footinsv@l\col@number
15898     \ifvoid\footinsv@l \else
15899       \bidi@leave@mult@footins@vl
15900     \fi
15901   }{}{}%
15902   \ifvoid\@bidi@copyins@ \else
15903     \bidi@leave@mult@copyins
15904   \fi
15905   \ifvbox \@kludgeins
15906 }{}{}%
15907 }

```

## 93 File multienum-xetex-bidi.def

```

15908 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum packa
15909 \renewcommand{\itemx}[1]{\parbox[t]{%
15910   {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
15911   \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
15912 \renewcommand{\itemxxx}[2]{\parbox[t]{%
15913   {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15914   \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
15915     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15916     \parbox[t]{0.5\remainxx}{\bidi@raggedright #2}\smallskip}
15917   \renewcommand{\itemxxx}[3]{\parbox[t]{%
15918     {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
15919     \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
15920       {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
15921       \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]{%
15922         {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
15923         \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip

```





```

15924 \renewcommand{\itemxxxx}[4]{\parbox[t]{%
15925 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15926 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
15927 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15928 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
15929 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15930 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
15931 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15932 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
15933 \renewcommand{\itemxxxxx}[5]{\parbox[t]{%
15934 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15935 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #1}\hfill%
15936 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15937 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #2}\hfill%
15938 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15939 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #3}\hfill%
15940 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15941 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #4}\hfill%
15942 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15943 \parbox[t]{0.2\remainxxxx}{\bidi@raggedright #5}\smallskip}
15944 \renewcommand{\itemxox}[2]{\parbox[t]{%
15945 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15946 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
15947 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15948 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
15949 \renewcommand{\itemxxo}[2]{\parbox[t]{%
15950 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15951 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
15952 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15953 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
15954 \renewcommand{\itemxox}[3]{\parbox[t]{%
15955 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15956 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
15957 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15958 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
15959 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15960 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
15961 \renewcommand{\itemxxox}[3]{\parbox[t]{%
15962 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15963 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
15964 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15965 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%
15966 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15967 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
15968 \renewcommand{\itemxxxo}[3]{\parbox[t]{%
15969 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15970 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
15971 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15972 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
15973 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
15974 \parbox[t]{\remainxox}{\bidi@raggedright #3}\smallskip}

```

## 94 File natbib-xetex-bidi.def



```

15975 \ProvidesFile{natbib-xetex-bidi.def}[2017/06/09 v0.2 bidi adaptations for natbib package for
15976 \renewenvironment{thebibliography}[1]{%
15977   \bibsection
15978   \parindent\z@
15979   \bibpreamble
15980   \bibfont
15981   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
15982   \bidi@@thebibliography@font@hook%
15983   \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
15984   \ifNAT@openbib
15985     \renewcommand\newblock{\par}%
15986   \else
15987     \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
15988   \fi
15989   \sloppy\clubpenalty4000\widowpenalty4000
15990   \sfcode\.\@m
15991   \let\NAT@bibitem@first@sw\@firstoftwo
15992     \let\citeN\cite \let\shortcite\cite
15993     \let\citeasnoun\cite
15994 }{%
15995   \bibitem@fin
15996   \bibpostamble
15997   \def\@noitemerr{%
15998     \PackageWarning{natbib}{Empty `thebibliography' environment}%
15999   }%
16000   \endlist
16001   \bibcleanup
16002 }%

```

## 95 File newfloat-xetex-bidi.def

```

16003 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package
16004 \renewcommand*\newfloat@setwithin[2]{%
16005   \ifcsname c@chapter\endcsname
16006     \@removefromreset{#1}{chapter}%
16007   \fi
16008   \@removefromreset{#1}{section}%
16009   \edef\@tempa{#2}%
16010   \ifx\@tempa\@empty
16011     \def\@tempa{none}%
16012   \fi
16013   \def\@tempb{none}%
16014   \ifx\@tempa\@tempb
16015     \ifcsname c@chapter\endcsname
16016       \chapterlistsgap@off{#1}%
16017     \fi
16018     \newfloat@@setwithin{#1}{}%
16019   \else
16020     \def\@tempb{chapter}%
16021     \ifx\@tempa\@tempb
16022       \addtoreset{#1}{chapter}%
16023       \chapterlistsgap@on{#1}%
16024       \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@S
16025     \else

```



```

16026 \def\@tempb{section}%
16027 \ifx\@tempa\@tempb
16028 \@addtoreset{#1}{section}%
16029 \ifcsname c@chapter\endcsname
16030 \@addtoreset{#1}{chapter}%
16031 \@chapterlistsgap@on{#1}%
16032 \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
16033 \else
16034 \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection\@SepMark}%
16035 \fi
16036 \else
16037 \newfloat@Error{Invalid value `#2' for option `within'}%
16038 \fi
16039 \fi
16040 \fi}

```

## 96 File `ntheorem-xetex-bidi.def`

```

16041 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package]
16042 \gdef\@thm#1#2#3{%
16043 \if@thmmarks
16044 \stepcounter{end\InTheoType ctr}%
16045 \fi
16046 \renewcommand{\InTheoType}{#1}%
16047 \if@thmmarks
16048 \stepcounter{curr#1ctr}%
16049 \setcounter{end#1ctr}{0}%
16050 \fi
16051 \refstepcounter{#2}%
16052 \theorem@prework
16053 \thm@topsepadd \theorem@postskipamount % cf. latex.ltx: \@trivlist
16054 \ifvmode \advance\thm@topsepadd\partopsep\fi
16055 \trivlist
16056 \@topsep \theorem@preskipamount
16057 \@topsepadd \thm@topsepadd % used by \@endparenv
16058 \advance\linewidth -\theorem@indent
16059 \advance\@totalleftmargin \theorem@indent
16060 \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
16061 \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

## 97 File `ntheorem-hyper-xetex-bidi.def`

```

16062 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-hyper]
16063 \gdef\@thm#1#2#3{%
16064 \if@thmmarks
16065 \stepcounter{end\InTheoType ctr}%
16066 \fi
16067 \renewcommand{\InTheoType}{#1}%
16068 \if@thmmarks
16069 \stepcounter{curr#1ctr}%
16070 \setcounter{end#1ctr}{0}%
16071 \fi
16072 \refstepcounter{#2}%
16073 \thm@topsepadd \theorem@postskipamount % cf. latex.ltx: \@trivlist

```



```

16074 \ifvmode \advance\thm@topsepadd\partopsep\fi
16075 \trivlist
16076 \@topsep \theorempreskipamount
16077 \@topsepadd \thm@topsepadd % used by \@endparenv
16078 \advance\linewidth -\theorem@indent
16079 \advance\@totalleftmargin \theorem@indent
16080 \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
16081 \@ifnextchar [{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

## 98 File overpic-xetex-bidi.def

```

16082 \ProvidesFile{overpic-xetex-bidi.def}[2015/12/07 v0.1 bidi adaptations for overpic package f
16083 \renewenvironment{overpic}[2][\%
16084 \sbox{z@}{\includegraphics[#1]{#2}}\%
16085 \settodepth{\@tempcnta}{\usebox{z@}}\%
16086 \settoheight{\@tempcntb}{\usebox{z@}}\%
16087 \advance\@tempcntb\@tempcnta\%
16088 \settowidth{\@tempcnta}{\usebox{z@}}\%
16089 \setlength{\@tempdima}{\unitlength}\%
16090 \count@=\z@\Gin@gridfalse\setkeys{Gin}{#1}\%
16091 \%
16092 \OVP@calc%
16093 \%
16094 \begin{picture}(\@tempcnta,\@tempcntb)%
16095 \ifRTL\else\put(0,0){\makebox(0,0)[bl]{\usebox{z@}}}\%
16096 \ifGin@grid%
16097 \put(0,0){\normalfont\fontsize\@viipt\@viipt\selectfont%
16098 \grid(\@tempcnta,\@tempcntb)(\count@,\count@)[0,0]}\%
16099 \fi\fi%
16100 % reset the graphics parameter
16101 \let\Gin@outer@scalex\relax
16102 \let\Gin@outer@scaley\relax
16103 \let\Gin@angle\relax
16104 \let\Gin@ewidth\Gin@exclamation
16105 \let\Gin@eheight\Gin@ewidth
16106 \def\Gin@scalex{1}
16107 \let\Gin@scaley\Gin@exclamation
16108 }{\%
16109 \ifRTL\ifGin@grid%
16110 \put(0,0){\normalfont\fontsize\@viipt\@viipt\selectfont%
16111 \grid(\@tempcnta,\@tempcntb)(\count@,\count@)[0,0]}\%
16112 \fi%
16113 \put(0,0){\makebox(0,0)[bl]{\usebox{z@}}}\fi%
16114 \end{picture}%
16115 }%

```

## 99 File pdfbase-xetex-bidi.def

```

16116 \ProvidesFile{pdfbase-xetex-bidi.def}[2022/02/18 v0.4 bidi adaptations for pdfbase package f
16117 \ExplSyntaxOn
16118 \cs_set_eq:NN\pbs_outputpage_orig:\@outputpage
16119 \cs_set_nopar:Npn\@outputpage{
16120 \int_gincr:N\g_pbs_page_int
16121 \box_if_vertical:cTF{\@outputbox}{

```



```

16122 \bool_set_true:N\l_pbs_is_vertical_bool
16123 }{
16124 \bool_set_false:N\l_pbs_is_vertical_bool
16125 }
16126 \hbox_set:Nn\@outputbox{
16127 %begin of page
16128 \hbox_overlap_right:n{\seq_map_inline:Nn\g_pbs_bop_seq{##1}}
16129 \box_use_drop:N\@outputbox
16130 %end of page
16131 \hbox_overlap_right:n{\seq_map_inline:Nn\g_pbs_eop_seq{##1}}
16132 }
16133 \bool_if:NT\l_pbs_is_vertical_bool{
16134 \vbox_set:Nn\@outputbox{\box_use_drop:N\@outputbox}
16135 }
16136 \pbs_outputpage_orig:
16137 }
16138 \ExplSyntaxOff

```

## 100 File pdfscape-xetex-bidi.def

```

16139 \ProvidesFile{pdfscape-xetex-bidi.def}[2022/02/18 v0.1 bidi adaptations for pdfscape packa
16140 \bidi@patchcmd{\landscape}{\PLS@Rotate{90}}{%
16141 \if@RTL
16142 \PLS@Rotate{-90}%
16143 \else
16144 \PLS@Rotate{90}%
16145 \fi
16146 }{}{}

```

## 101 File pdfpages-xetex-bidi.def

```

16147 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package
16148 \renewcommand*{\includepdf}[2] [] {%
16149 \begingroup
16150 \@RTLfalse
16151 \let\AM@threadname\relax
16152 \AM@split@options{pdfpages}{#1}%
16153 \edef\AM@temp{\pdfpages}{\the\@temptokena}}%
16154 \expandafter\setkeys\AM@temp
16155 \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
16156 \let\AM@currentdocname\relax
16157 \renewcommand\includegraphics[2] [] {Survey in draft-mode}%
16158 \def\AM@pagecount{0}%
16159 }{%
16160 \AM@findfile{#2}%
16161 \if\AM@threadname\relax
16162 \def\AM@threadname{\AM@currentdocname}%
16163 \fi
16164 }%
16165 \ifAM@survey
16166 \def\AM@pagestemp{}%
16167 \@tempcnta=0
16168 \def\foo{%
16169 \ifundefined{r@\AM@xrprefix pdfpages@page\the\@tempcnta}%

```



```

16170      {\let\foo\relax}
16171      {\expandafter\ifx\expandafter\\AM@pagestemp\\
16172        \edef\AM@pagestemp{%
16173          \AM@pageref{\AM@xrpref prefix pdfpages@page\the\@tempcnta}}}%
16174      \else
16175        \edef\AM@pagestemp{\AM@pagestemp,%
16176          \AM@pageref{\AM@xrpref prefix pdfpages@page\the\@tempcnta}}}%
16177      \fi
16178      \advance\@tempcnta 1\relax
16179    }%
16180  \foo
16181 }%
16182 \foo
16183 \expandafter\ifx\expandafter\\AM@pagestemp\\
16184   \def\AM@pagestemp{1}%
16185 \fi
16186 \fi
16187 \ifAM@output
16188   \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
16189   \AM@output{#1}%
16190 \fi
16191 \AM@CheckAtEnd
16192 \endgroup
16193 \AM@ClearShipoutPicture
16194 }

```

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

```

16195 \ProvidesFile{pgfcorescopes.code-xetex-bidi.def}[2015/11/14 v0.1 bidi adaptations for pgf pa
16196 \def\pgfpicture{%
16197   \begingroup%
16198   \ifmmode\else\@RTLfalse\beginL\fi%
16199   \pgfpicturetrue%
16200   \global\advance\pgf@picture@serial@count by1\relax%
16201   \edef\pgfpictureid{\pgfid\the\pgf@picture@serial@count}%
16202   \let\pgf@nodecallback=\pgfutil@gobble%
16203   \pgf@picmaxx=-16000pt\relax%
16204   \pgf@picminx=16000pt\relax%
16205   \pgf@picmaxy=-16000pt\relax%
16206   \pgf@picminy=16000pt\relax%
16207   \pgf@relevantforpicturesizetrue%
16208   \pgf@resetpathsizes%
16209   \pgfutil@ifnextchar\bgroup\pgf@oldpicture\pgf@picture%
16210 \def\endpgfpicture{%
16211   \ifpgfrememberpicturepositiononpage%
16212     \hbox to0pt{\pgfsys@markposition{\pgfpictureid}}}%
16213   \fi%
16214   % ok, now let's position the box
16215   \ifdim\pgf@picmaxx=-16000pt\relax%
16216     % empty picture. make size 0.
16217     \global\pgf@picmaxx=0pt\relax%
16218     \global\pgf@picminx=0pt\relax%
16219     \global\pgf@picmaxy=0pt\relax%
16220     \global\pgf@picminy=0pt\relax%

```



```

16221         \fi%
16222         % Shift baseline outside:
16223         \pgf@relevantforpicturesizefalse%
16224         \pgf@process{\pgf@baseline}%
16225         \xdef\pgf@shift@baseline{\the\pgf@y}%
16226         %
16227         \pgf@process{\pgf@trimleft}%
16228         \global\advance\pgf@x by-\pgf@picminx
16229         % prepare \hskip\pgf@trimleft@final.
16230         % note that \pgf@trimleft@final is also queried
16231         % by the pgf image externalization.
16232         \xdef\pgf@trimleft@final{-\the\pgf@x}%
16233         %
16234         \pgf@process{\pgf@trimright}%
16235         \global\advance\pgf@x by-\pgf@picmaxx
16236         % prepare \hskip\pgf@trimright@final.
16237         % note that \pgf@trimright@final is also queried
16238         % by the pgf image externalization.
16239         \xdef\pgf@trimright@final{\the\pgf@x}%
16240         %
16241         \pgf@remember@layerlist@globally
16242         \endgroup%
16243         \hss%
16244         \egroup%
16245         \pgf@restore@layerlist@from@global
16246         \pgf@insertlayers%
16247         \endgroup%
16248         \pgfsys@discardpath%
16249         \endgroup%
16250         \pgfsys@endscope%
16251         \pgfsys@endpicture%
16252         \endgroup%
16253         \hss
16254     \egroup%
16255     \pgfsys@typesetpicturebox\pgfpic%
16256     \ifmmode\else\endL\fi%
16257     \endgroup%
16258 }

```

## 103 File `picinpar-xetex-bidi.def`

```

16259 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package]
16260 \long\def\@makewincaption#1#2{%
16261     \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}%
16262     \ifdim\wd\@tempboxa>\picwd
16263         {\footnotesize{\bf #1:\enspace}{#2\par}}
16264     \else
16265         \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
16266     \fi}
16267 \def\endwindow{%
16268     \global\tcd=\tcdsav
16269     \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
16270     \vbadness=10000
16271     \splittopskip=0pt

```



```

16272 %
16273 % Typeset the lines above the window
16274 %
16275 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
16276 \tcn=\tcd
16277 \loop\advance\tcn -1
16278 \setbox\fslice=\vsplit\holder to\baselineskip
16279 \prune\fslice\linewidth
16280 \topheight=0pt
16281 \ifnum\dp\fslice>\dp\wstrutbox
16282     \advance\topheight-\dp\fslice
16283     \advance\topheight\dp\wstrutbox
16284     \advance\topheight\ilg\fi
16285 \hbox to\linewidth{\box\fslice}
16286 \vskip-\topheight
16287 \ifdim\ht\holder>0pt\repeat
16288 \fi
16289 %
16290 % Now we build the boxes beside the window
16291 %
16292 \global\topheight=\tcl\baselineskip
16293 \ifnum\cumpartcl>0\global\tcl=\cumtcl
16294     \global\topheight=\vpic
16295 \fi
16296 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
16297 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
16298 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
16299 \tcn=\tcl \na=0 \nb=0
16300 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
16301 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
16302 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
16303 \ifnum\na=0\ifnum\nb=0
16304     \setbox\waslice=\vbox to\vpic{\vss}
16305     \setbox\wbslice=\vbox to\vpic{\vss}
16306     \bl=1\br=1
16307     \vskip\ilg
16308 \fi\fi
16309 %
16310 % both sides
16311 %
16312 \ifnum\na>0 \ifnum\nb>0
16313 \loop\advance\nb -1
16314 \advance\na -1
16315 \if@RTL%
16316 \setbox\bslice=\vsplit\holder to\baselineskip
16317 \prune\bslice\rtside
16318 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
16319 to\rtside{\box\bslice\hfil}}
16320 \setbox\aslice=\vsplit\holder to\baselineskip
16321 \prune\aslice\lftside
16322 \setbox\waslice=\vbox{\unvbox\waslice\hbox
16323 to\lftside{\box\aslice\hfil}}
16324 \else%
16325 \setbox\aslice=\vsplit\holder to\baselineskip

```





```

16326 \prune\aslice\lftside
16327 \setbox\waslice=\vbox{\unvbox\waslice\hbox
16328 to\lftside{\box\aslice\hfil}}
16329 \setbox\bslice=\vsplit\holder to\baselineskip
16330 \prune\bslice\rtside
16331 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
16332 to\rtside{\box\bslice\hfil}}
16333 \fi%
16334 \ifnum\nb>0\repeat
16335 \fi\fi
16336 %
16337 % only text on the left side
16338 %
16339 \ifnum\na>0
16340   \loop\advance\na -1
16341   \setbox\aslice=\vsplit\holder to\baselineskip
16342   \prune\aslice\lftside
16343   \setbox\waslice=\vbox{\unvbox\waslice\hbox
16344   to\lftside{\box\aslice\hfil}}
16345   \ifdim\ht\holder>0pt\repeat
16346 \fi
16347 %
16348 % only text on the right side
16349 %
16350 \ifnum\nb>0
16351   \loop\advance\nb -1
16352   \setbox\bslice=\vsplit\holder to\baselineskip
16353   \prune\bslice\rtside
16354   \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
16355   to\rtside{\box\bslice\hfil}}
16356   \ifdim\ht\holder>0pt\repeat
16357 \fi
16358 %
16359 % fixing the dimensions of the window part
16360 %
16361 \ifnum\bl=0\topheight=\ht\wbslice
16362 \else\ifnum\br=0\topheight=\ht\waslice
16363   \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
16364   \else\topheight=\ht\wbslice\fi\fi\fi
16365 %
16366 % ship out the window material to the main vertical list
16367 %
16368 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
16369 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
16370 \fi\fi\fi
16371 \setbox>windowbox=\vbox{\hbox to\linewidth{%
16372 \ifnum\bl>0\box\waslice\hfill\fi%
16373 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
16374 \vfill\unvbox\picbox%
16375 \ifnum\picwd>0\vfill\fi%
16376 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
16377 \unvbox>windowbox%
16378 \loop
16379 \setbox\bslice=\vsplit\rawtext to\baselineskip

```



```

16380 \prune\bslice\linewidth
16381 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
16382 \unvbox\wbslice
16383 \ifdim\ht\rawtext>0pt
16384 \repeat
16385 }% FINITO

```

## 104 File plain-xetex-bidi.def

```

16386 \def\TeXeTOn{\TeXeTstate=1 }
16387 \def\TeXeTOff{\TeXeTstate=0 }
16388 \TeXeTOn
16389 \def\usebox#1{\leavevmode\copy #1\relax}
16390 \def\bidir@RTL@everypar{\setbox\z@ \lastbox\if@RTL\beginR\else\beginL\fi\ifvoid\z@\else\usebox\z@
16391 \let\bidir@o@everypar=\everypar
16392 \newtoks\bidir@n@everypar
16393 \bidir@n@everypar\expandafter{\the\bidir@o@everypar}
16394 \bidir@o@everypar{\bidir@RTL@everypar\the\bidir@n@everypar}
16395 \let\everypar=\bidir@n@everypar
16396 \def\moreLRE{\bracetext \aftergroup\endL \beginL \@RTLfalse}
16397 \def\moreRLE{\bracetext \aftergroup\endR \beginR \@RTLtrue}
16398 \protected\def\hboxR{\hbox\bgroup
16399 \everyhbox{%
16400 \aftergroup\egroup
16401 \everyhbox{}}%
16402 \beginR
16403 \@hboxRconstructtrue
16404 \bgroup
16405 \aftergroup\endR
16406 \aftergroup\egroup
16407 }\hbox}
16408 \protected\def\hboxL{\hbox\bgroup
16409 \everyhbox{%
16410 \aftergroup\egroup
16411 \everyhbox{}}%
16412 \beginL
16413 \@hboxRconstructfalse
16414 \bgroup
16415 \aftergroup\endL
16416 \aftergroup\egroup
16417 }\hbox}
16418 \protected\def\vboxR{\vbox\bgroup
16419 \everyvbox{%
16420 \aftergroup\egroup
16421 \everyvbox{}}%
16422 \@RTLtrue
16423 \bgroup
16424 \aftergroup\egroup
16425 }\vbox}
16426 \protected\def\vboxL{\vbox\bgroup
16427 \everyvbox{%
16428 \aftergroup\egroup
16429 \everyvbox{}}%
16430 \@RTLfalse

```



```

16431 \bgroup
16432 \aftergroup\egroup
16433 }\vbox}
16434 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
16435 \def\endLTR{\par}
16436 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
16437 \def\endRTL{\par}
16438 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
16439 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
16440 \let\unsetRTL=\setLTR
16441 \let\unsetLTR=\setRTL
16442 \let\LR=\LRE
16443 \let\RL=\RLE
16444 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
16445 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
16446 \let\@ensure@RL=\@ensure@RTL
16447 \let\@ensure@LR=\@ensure@LTR
16448 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
16449 \let\@ensure@maindir=\@ensure@dir
16450 \def\@RTL{RTL}
16451 \def\@LTR{LTR}
16452 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
16453 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
16454 \let\@TeX\TeX
16455 \def\TeX{\@ensure@LTR{\@TeX}}
16456 \def\pagecontents{\ifvoid\topins\else\unvbox\topins\fi}
16457 \dimen@=\dp\cclv\unvbox\cclv % open up \box255
16458 \ifvoid\footins\else % footnote info is present
16459 \vskip\skip\footins
16460 \footnoterule
16461 \unvbox\footins\fi
16462 \ifrggedbottom\kern-\dimen@\vfil\fi
16463 \ifvoid\@bidi@copyins@
16464 \else
16465 \vskip\skip\@bidi@copyins@
16466 \unvbox\@bidi@copyins@
16467 \fi
16468 }
16469 \long\def\bidi@reflect@box#1{%
16470 \leavevmode
16471 \setbox\z@\hbox{#1}%
16472 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
16473 \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
16474 }
16475 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X}\lower.5ex
16476 \hbox{\kern-.125em\bidi@reflect@box{E}}\kern-.1667em\TeX}}$}}
16477 \let\setRL=\setRTL
16478 \let\setLR=\setLTR
16479 \let\unsetRL=\setLTR
16480 \let\bidi@saved@eqno=\eqno
16481 \let\bidi@saved@leqno=\leqno
16482 \def\eqno{\ifnum\predisplaydirection<\z@ \bidi@saved@leqno \else \bidi@saved@eqno \fi}
16483 \def\leqno{\ifnum\predisplaydirection<\z@ \bidi@saved@eqno \else \bidi@saved@leqno \fi}
16484 \def\centerline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}

```



```

16485 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
16486 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```

## 105 File pstricks-xetex-bidi.def

```

16487 \ProvidesFile{pstricks-xetex-bidi.def}[2015/11/18 v0.5 bidi adaptations for pstricks package]
16488 \def\pspicture{\begingroup\ifmmode\else\@RTLfalse\beginL\fi\pst@ifstar\pst@picture}
16489 \def\endpspicture{%
16490   \ifshowgrid\ifnum\showgridp>0
16491     \psgrid[xunit=\sh@wgridXunit,yunit=\sh@wgridYunit,style=gridstyle]\fi\fi%
16492   \pst@killglue
16493   % \global\pst@shift=\pst@shift% in fact of the following endgroup
16494   \endgroup
16495   \egroup
16496   \ifdim\wd\pst@hbox=\z@ \else
16497     %\@pstrickserr{Extraneous space in the pspicture environment}%
16498     %\Type \space <return> \space to proceed.}%
16499   \fi
16500   \ht\pst@hbox=\pst@dimd
16501   \dp\pst@hbox=-\pst@dimb
16502   \setbox\pst@hbox=\hbox{%
16503     \kern-\pst@dimd
16504   % Orig version -----
16505   %\ifx\pst@tempa\@empty\else
16506   %\advance\pst@dimd-\pst@dimb
16507   %\pst@dimd=\pst@tempa\pst@dimd
16508   %\advance\pst@dimd\pst@dimb
16509   %\lower\pst@dimd
16510   %\fi
16511   %----- end Orig
16512   \ifPst@shift@star%\typeout{==pstricks== old behaviour of the shift option}% shift=*
16513   \advance\pst@dimd-\pst@dimb
16514   \pst@dimd=0.5\pst@dimd
16515   \else\pst@dimd-\pst@shift\fi
16516   \advance\pst@dimd\pst@dimb
16517   \lower\pst@dimd
16518   \box\pst@hbox
16519   \kern\pst@dimc}%
16520   \if@star\setbox\pst@hbox=\hbox{\clipbox@{\z@}\fi
16521   \leavevmode\ifdim\overfullrule=\z@\box\pst@hbox\else
16522   \fboxsep=0pt
16523   \fbox{\rule[-\pst@shift]{0pt}{\ht\pst@hbox}\rule{\wd\pst@hbox}{0pt}}\fi
16524   \ifmmode\else\endL\fi
16525   \endgroup%
16526   \psset[pstricks]{shift=0}% reset value
16527 }

```

## 106 File quotchap-xetex-bidi.def

```

16528 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package]
16529 \renewcommand{\qauthor}[1]{%
16530   \par\smallskip
16531   {\if@RTL\raggedright\else\raggedleft\fi\upshape #1\qqquad\hbox{\par}\bigskip}
16532 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%

```



```

16533 {\size@chapter{\sectfont\if@RTL\raggedright\else\raggedleft\fi
16534      {\chapnumfont
16535        \ifnum \c@secnumdepth >\m@ne%
16536          \if@mainmatter\thechapter%
16537          \fi\fi
16538          \par\nobreak}%
16539      {\if@RTL\raggedright\else\raggedleft\fi\advance\if@RTL\rightrightmargin\else\leftmargin\fi
16540      \nobreak\chapterheadendvskip}}
16541 \renewcommand*{\@iprintcites}{%
16542   \vbox to\z@{\leavevmode\copy\@quotebox\vss}
16543   \global\let\@printcites\relax}

```

## 107 File ragged2e-xetex-bidi.def

```

16544 \ProvidesFile{ragged2e-xetex-bidi.def}[2018/10/17 v0.3 bidi adaptations for ragged2e package]
16545 \renewcommand{\Centering}{%
16546   \ifx\\ \@raggedtwoe@savedcr
16547     \let\\ \@centercr
16548   \fi
16549   \let\@newline\@raggedtwoe@gnewline
16550   \if@RTL\rightrightmargin\else\leftmargin\fi\CenteringLeftskip
16551   \@rightskip\CenteringRightskip
16552   \if@RTL\leftmargin\else\rightmargin\fi\@rightskip
16553   \parfillskip\CenteringParfillskip
16554   \parindent\CenteringParindent
16555   \@raggedtwoe@spaceskiptrue
16556   \@raggedtwoe@everyselectfont
16557 }
16558 \renewcommand{\RaggedLeft}{%
16559   \ifx\\ \@raggedtwoe@savedcr
16560     \let\\ \@centercr
16561   \fi
16562   \let\@newline\@raggedtwoe@gnewline
16563   \if@RTL\rightrightmargin\else\leftmargin\fi\RaggedLeftLeftskip
16564   \@rightskip\RaggedLeftRightskip
16565   \if@RTL\leftmargin\else\rightmargin\fi\@rightskip
16566   \parfillskip\RaggedLeftParfillskip
16567   \parindent\RaggedLeftParindent
16568   \@raggedtwoe@spaceskiptrue
16569   \@raggedtwoe@everyselectfont
16570 }
16571 \renewcommand{\RaggedRight}{%
16572   \ifx\\ \@raggedtwoe@savedcr
16573     \let\\ \@centercr
16574   \fi
16575   \let\@newline\@raggedtwoe@gnewline
16576   \if@RTL\rightrightmargin\else\leftmargin\fi\RaggedRightLeftskip
16577   \@rightskip\RaggedRightRightskip
16578   \if@RTL\leftmargin\else\rightmargin\fi\@rightskip
16579   \parfillskip\RaggedRightParfillskip
16580   \parindent\RaggedRightParindent
16581   \@raggedtwoe@spaceskiptrue
16582   \@raggedtwoe@everyselectfont
16583 }

```



```

16584 \renewcommand{\justifying}{%
16585   \let\\@raggedtwo@savcdcr
16586   \let@gnewline@raggedtwo@savcdgnewline
16587   \if@RTL\rightskip\else\leftskip\fi\z@
16588   \@rightskip\z@
16589   \if@RTL\leftskip\else\rightskip\fi\@rightskip
16590   \parfillskip\JustifyingParfillskip
16591   \parindent\JustifyingParindent
16592   \@raggedtwo@spaceskipfalse
16593   \@raggedtwo@everyselectfont
16594 }
16595 \def\@raggedtwo@raggedrightboxes@opt{%
16596   \renewcommand{\@arrayparboxrestore}{%
16597     \let\if@nobreak\iffalse
16598     \let\if@noskipsec\iffalse
16599     \let\par\@par
16600     \let\-\@dischyph
16601     \let'\@acci\let\`\@accii\let\=\@acciii
16602     \parskip\z@skip
16603     \everypar{}%
16604     \linewidth\hsize
16605     \@totalleftmargin\z@
16606     \if@RTL
16607       \RaggedLeft
16608     \else
16609       \RaggedRight
16610     \fi
16611     \lineskip\normallineskip
16612     \baselineskip\normalbaselineskip
16613     \sloppy}%
16614   \let\@raggedtwo@raggedrightboxes@opt\relax
16615 }
16616 \def\@raggedtwo@document@opt{%
16617   \AtBeginDocument{\@raggedtwo@abdhook}%
16618   \@raggedtwo@raggedrightboxes@opt
16619   \@raggedtwo@footmisctrue
16620   \let\@raggedtwo@document@opt\relax
16621 }
16622 \def\@raggedtwo@abdhook{%
16623   \PackageInfo{ragged2e}{ABD: executing '\string\RaggedLeft' for
16624     right to left documents and '\string\RaggedRight' for left
16625     to right documents}%
16626   \if@RTL
16627     \RaggedLeft
16628   \else
16629     \RaggedRight
16630   \fi
16631   \ifundefined{@tocrmarg}{\edef\@tocrmarg{\@tocrmarg plus 2em}}%
16632   \let\@raggedtwo@abdhook\relax
16633 }
16634 \@ifpackagewith{ragged2e}{raggedrightboxes}{%
16635   \@raggedtwo@raggedrightboxes@opt
16636 }{}
16637 \@ifpackagewith{ragged2e}{document}{%

```



```

16638 \@raggedtwoe@document@opt
16639 }{}
16640 \let\origin@RaggedLeft=\RaggedLeft
16641 \let\origin@RaggedRight=\RaggedRight
16642 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
16643 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

## 108 File rapport1-xetex-bidi.def

```

16644 \ProvidesFile{rapport1-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for rapport1 class f
16645 \renewenvironment{theindex}{%
16646   \if@twocolumn
16647     \@restonecolfalse
16648   \else
16649     \@restonecoltrue
16650   \fi
16651   \columnseprule \z@
16652   \columnsep 35\p@
16653   \twocolumn[\@makeschapterhead{\indexname}]%
16654   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
16655   \thispagestyle{plain}\parindent\z@
16656   \parskip\z@ \@plus .3\p@\relax
16657   \let\item\@idxitem
16658 }{%
16659   \if@restonecol\onecolumn\else\clearpage\fi}
16660 \renewcommand*{\head@style}{%
16661   \interlinepenalty \@M
16662   \hyphenpenalty=\@M \exhyphenpenalty=\@M
16663   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
16664 \if@titlepage
16665   \renewenvironment{abstract}{%
16666     \titlepage
16667     \null\vfil
16668     \section*{\SectFont\abstractname}%
16669     \noindent\ignorespaces}
16670   {\par\vfil\null\endtitlepage}
16671 \else
16672   \renewenvironment{abstract}{%
16673     \if@twocolumn
16674       \section*{\abstractname}%
16675     \else
16676       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
16677       \section*{\small\SectFont\abstractname}%
16678       \noindent\ignorespaces
16679     \fi}
16680   {\if@twocolumn\else\par\egroup\fi}
16681 \fi
16682 \renewcommand*{\regtocline}[3]{%
16683   \ifnum #1>\c@tocdepth
16684   \else
16685     \vskip\z@\@plus.2\p@
16686     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
16687     \if@RTL\rightskip\else\leftskip\fi\unitindent
16688     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil

```



```

16689 \parfillskip\z@
16690 \@tempdima\unitindent
16691 \parindent\z@
16692 \leavevmode
16693 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
16694 \hskip 1em \nobreak{\slshape #3}\par
16695 }%
16696 \fi}
16697 \if@oldtoc
16698 \renewcommand*\l@part[2]{%
16699 \ifnum \c@tocdepth >-2\relax
16700 \addpenalty{-\@highpenalty}%
16701 \addvspace{2.25em \@plus\p@}%
16702 \begingroup
16703 \setlength\@tempdima{3em}%
16704 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
16705 \parfillskip -\@pnumwidth
16706 {\leavevmode
16707 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
16708 \nobreak
16709 \global\@nobreaktrue
16710 \everypar{\global\@nobreakfalse\everypar{}}%
16711 \endgroup
16712 \fi}
16713 \else
16714 \renewcommand*\l@part{%
16715 \ifnum \c@tocdepth >-2\relax
16716 \addpenalty{-\@highpenalty}%
16717 \addvspace{2.25em \@plus \p@}%
16718 \@regtocline{0}%
16719 \fi}
16720 \fi
16721 \if@oldtoc
16722 \renewcommand*\l@chapter[2]{%
16723 \addpenalty{-\@highpenalty}%
16724 \vskip 1.0em \@plus\p@
16725 \setlength\@tempdima{1.5em}%
16726 \begingroup
16727 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
16728 \parfillskip -\@pnumwidth
16729 \leavevmode \bfseries
16730 \advance\if@RTL\righskip\else\leftskip\fi\@tempdima
16731 \hskip -\if@RTL\righskip\else\leftskip\fi
16732 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
16733 \penalty\@highpenalty
16734 \endgroup}
16735 \else
16736 \renewcommand*\l@chapter{\@regtocline{0}}
16737 \fi
16738 \renewcommand*\left@footnoterule{%
16739 \kern-3\p@
16740 \kern.5\baselineskip
16741 \hrule\@width\unitindent
16742 \kern.4\baselineskip

```





```

16743 }
16744 \renewcommand*\right@footnoterule{%
16745   \kern-3\p@
16746   \kern.5\baselineskip
16747   \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
16748   \kern.4\baselineskip}
16749 \renewenvironment{thebibliography}[1]
16750   {\chapter*{\bibname}%
16751     \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
16752     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
16753     \bidi@thebibliography@font@hook%
16754     \list{\@biblabel{\@arabic\c@enumiv}}%
16755       {\settowidth\labelwidth{\@biblabel{#1}}%
16756        \leftmargin\labelwidth
16757        \advance\leftmargin\labelsep
16758        \openbib@code
16759        \usecounter{enumiv}%
16760        \let\p@enumiv\@empty
16761        \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
16762     \sloppy\clubpenalty4000\widowpenalty4000%
16763     \sfcode\.\@m}
16764   {\def\@noitemerr
16765     {\@latex@warning{Empty `thebibliography' environment}}}%
16766   \endlist}
16767 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
16768 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
16769 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
16770 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
16771 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
16772 \renewcommand*\theequation{%
16773   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
16774 \renewcommand*\thefigure{%
16775   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
16776 \renewcommand*\thetable{%
16777   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
16778 \if@titlepage
16779 \renewcommand*\TitleFont{\rmfamily}
16780 \renewcommand*\maketitle{%
16781   \begin{titlepage}%
16782     \let\footnotesize\small
16783     \let\right@footnoterule\relax
16784     \let\left@footnoterule\relax
16785     \let\textwidth\footnoterule\relax
16786     \let \footnote \thanks
16787     \long\def\@makefnitem##1{\parindent\z@
16788       \def\labelitemi{\textendash}\@revlabeltrue
16789       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
16790     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
16791     \if@compatibility\setcounter{page}{0}\fi
16792     \null\vfil
16793     \vskip 60\p@
16794     \begin{center}%
16795       \TitleFont
16796       {\LARGE \def\\{\penalty -\@M}

```



```

16797         \if@allcaps
16798             \expandafter\uc@nothanks\@title\thanks\relax
16799         \else
16800             \@title
16801         \fi\par}%
16802     \vskip 3em%
16803     {\large
16804         \lineskip .75em \parindent\z@
16805         \begin{tabular}[t]{c}%
16806             \if@allcaps
16807                 \expandafter\uc@authornothanks\@author\and\relax
16808             \else
16809                 \@author
16810             \fi
16811         \end{tabular}\par}%
16812     \vskip 1.5em%
16813     {\large
16814         \if@allcaps
16815             \uppercase\expandafter{\@date}%
16816         \else
16817             \@date
16818         \fi\par}%
16819     \end{center}\par
16820     \@thanks
16821     \vfil\null
16822 \end{titlepage}%
16823 \setcounter{footnote}{0}%
16824 \global\let\thanks\relax
16825 \global\let\maketitle\relax
16826 \global\let\@thanks\@empty
16827 \global\let\@author\@empty
16828 \global\let\@title\@empty
16829 \global\let\@date\@empty
16830 \global\let\title\relax
16831 \global\let\author\relax
16832 \global\let\date\relax
16833 \global\let\and\relax
16834 }
16835 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
16836 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
16837     \futurelet\@tempa\uc@ax}
16838 \def\uc@ax{%
16839     \ifx\@tempa\relax
16840     \else
16841         \\\andname \\\expandafter\uc@authornothanks
16842     \fi}
16843 \def\uc@tx{\ifx\@tempa\relax
16844     \else \expandafter\uc@ty \fi}
16845 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
16846 \else
16847 \renewcommand*\maketitle{\par
16848     \begingroup
16849         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
16850         \def\@makefnmark{\rlap{%

```



```

16851 \textsuperscript{\normalfont\@thefnmark}}}%
16852 \long\def\@makefnintext{\@xmakefnintext{%
16853 \textsuperscript{\normalfont\@thefnmark}}}%
16854 \if@twocolumn
16855 \ifnum \col@number=\@ne
16856 \maketitle
16857 \else
16858 \twocolumn[\maketitle]%
16859 \fi
16860 \else
16861 \newpage
16862 \global\@topnum\z@
16863 \maketitle
16864 \fi
16865 \thispagestyle{plain}\@thanks
16866 \endgroup
16867 \setcounter{footnote}{0}%
16868 \global\let\thanks\relax
16869 \global\let\maketitle\relax
16870 \global\let\@maketitle\relax
16871 \global\let\@thanks\@empty
16872 \global\let\@author\@empty
16873 \global\let\@title\@empty
16874 \global\let\@date\@empty
16875 \global\let\title\relax
16876 \global\let\author\relax
16877 \global\let\date\relax
16878 \global\let\and\relax
16879 }
16880 \def\maketitle{%
16881 \newpage
16882 \null
16883 \vskip 2em%
16884 \begin{center}%
16885 \let \footnote \thanks
16886 {\LARGE \TitleFont \@title \par}%
16887 \vskip 1.5em%
16888 {\large \TitleFont
16889 \lineskip .5em%
16890 \begin{tabular}[t]{c}%
16891 \@author
16892 \end{tabular}\par}%
16893 \vskip 1em%
16894 {\large \TitleFont \@date}%
16895 \end{center}%
16896 \par
16897 \vskip 1.5em}
16898 \fi

```

## 109 File rapport3-xetex-bidi.def

```

16899 \ProvidesFile{rapport3-xetex-bidi.def}[2017/06/09 v0.6 bidi adaptations for rapport3 class f
16900 \renewenvironment{theindex}{%
16901 \if@twocolumn

```



```

16902 \@restonecolfalse
16903 \else
16904 \@restonecoltrue
16905 \fi
16906 \columnseprule \z@
16907 \columnsep 35\p@
16908 \twocolumn[\@makeschapterhead{\indexname}]%
16909 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
16910 \thispagestyle{plain}\parindent\z@
16911 \parskip\z@ \@plus .3\p@\relax
16912 \let\item\@idxitem
16913 }{%
16914 \if@restonecol\onecolumn\else\clearpage\fi}
16915 \if@titlepage
16916 \renewcommand*\TitleFont{\rmfamily}
16917 \renewcommand*\maketitle{%
16918 \begin{titlepage}%
16919 \let\footnotesize\small
16920 \let\right@footnoterule\relax
16921 \let\left@footnoterule\relax
16922 \let\textwidth\footnoterule\relax
16923 \let \footnote \thanks
16924 \let \LTRfootnote \LTRthanks
16925 \let \RTLfootnote \RTLthanks
16926 \long\def\@makefntext##1{\parindent\z@
16927 \def\labelitemi{\textendash}\@revlabeltrue
16928 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
16929 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
16930 \if@compatibility\setcounter{page}{0}\fi
16931 \null\vfil
16932 \vskip 60\p@
16933 \begin{center}%
16934 \TitleFont
16935 {\LARGE \def\\{\penalty -\@M}
16936 \if@allcaps
16937 \expandafter\uc@nothanks\@title\thanks\relax
16938 \else
16939 \@title
16940 \fi\par}%
16941 \vskip 3em%
16942 {\large
16943 \lineskip .75em \parindent\z@
16944 \begin{tabular}[t]{c}%
16945 \if@allcaps
16946 \expandafter\uc@authornothanks\@author\and\relax
16947 \else
16948 \@author
16949 \fi
16950 \end{tabular}\par}%
16951 \vskip 1.5em%
16952 {\large
16953 \if@allcaps
16954 \uppercase\expandafter{\@date}%
16955 \else

```



```

16956         \@date
16957         \fi\par}%
16958     \end{center}\par
16959     \@thanks
16960     \vfil\null
16961 \end{titlepage}%
16962 \setcounter{footnote}{0}%
16963 \global\let\thanks\relax
16964 \global\let\LTRthanks\relax
16965 \global\let\RTLthanks\relax
16966 \global\let\maketitle\relax
16967 \global\let\@thanks\@empty
16968 \global\let\@author\@empty
16969 \global\let\@title\@empty
16970 \global\let\@date\@empty
16971 \global\let\title\relax
16972 \global\let\author\relax
16973 \global\let\date\relax
16974 \global\let\and\relax
16975 }
16976 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
16977 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
16978     \futurelet\@tempa\uc@ax}
16979 \def\uc@ax{%
16980     \ifx\@tempa\relax
16981     \else
16982     \\\andname \\\expandafter\uc@authornothanks
16983     \fi}
16984 \def\uc@tx{\ifx\@tempa\relax
16985     \else \expandafter\uc@ty \fi}
16986 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
16987 \else
16988 \renewcommand*\maketitle{\par
16989     \begingroup
16990     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
16991     \def\@makefnmark{\rlap{%
16992         \@textsuperscript{\normalfont\@thefnmark}}}%
16993     \long\def\@makefntext{\@xmakefntext{%
16994         \@textsuperscript{\normalfont\@thefnmark}}}%
16995     \if@twocolumn
16996     \ifnum \col@number=\@ne
16997     \@maketitle
16998     \else
16999     \twocolumn[\@maketitle]%
17000     \fi
17001     \else
17002     \newpage
17003     \global\@topnum\z@
17004     \@maketitle
17005     \fi
17006     \thispagestyle{plain}\@thanks
17007 \endgroup
17008 \setcounter{footnote}{0}%
17009 \global\let\thanks\relax

```



```

17010 \global\let\LTRthanks\relax
17011 \global\let\RTLthanks\relax
17012 \global\let\maketitle\relax
17013 \global\let\@maketitle\relax
17014 \global\let\@thanks\@empty
17015 \global\let\@author\@empty
17016 \global\let\@title\@empty
17017 \global\let\@date\@empty
17018 \global\let\title\relax
17019 \global\let\author\relax
17020 \global\let\date\relax
17021 \global\let\and\relax
17022 }
17023 \def\@maketitle{%
17024   \newpage
17025   \null
17026   \vskip 2em%
17027   \if@titlecentered
17028     \begin{center}%
17029       \let \footnote \thanks
17030       \let \LTRfootnote \LTRthanks
17031       \let \RTLfootnote \RTLthanks
17032       {\LARGE \TitleFont \@title \par}%
17033       \vskip 1.5em%
17034       {\large \TitleFont
17035         \lineskip .5em%
17036         \begin{tabular}[t]{c}%
17037           \@author
17038         \end{tabular}\par}%
17039       \vskip 1em%
17040       {\large \TitleFont \@date}%
17041     \end{center}%
17042   \else
17043     {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
17044     {\large \TitleFont \lineskip .5em \tabcolsep\z@
17045       \def\and{%% \begin{tabular} has already started
17046         \end{tabular}\hskip 1em plus .17fil
17047         \ifRTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabu
17048         \ifRTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}%
17049       \vskip 1em {\large \TitleFont \@date}
17050     \fi
17051     \par
17052     \vskip 1.5em}
17053   \fi
17054   \renewcommand*\@regtocline[3]{%
17055     \ifnum #1>\c@tocdepth
17056     \else
17057       \vskip\z@\@plus.2\p@
17058       {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
17059         \ifRTL\rightskip\else\leftskip\fi\unitindent
17060         \ifRTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
17061         \parfillskip\z@
17062         \@tempdima\unitindent
17063         \parindent\z@

```



```

17064 \leavevmode
17065 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
17066 \hskip 1em \nobreak{\slshape #3}\par
17067 }%
17068 \fi}
17069 \if@oldtoc
17070 \renewcommand*\l@part[2]{%
17071 \ifnum \c@tocdepth >-2\relax
17072 \addpenalty{-\@highpenalty}%
17073 \addvspace{2.25em \@plus\p}%
17074 \begingroup
17075 \setlength\@tempdima{3em}%
17076 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
17077 \parfillskip -\@pnumwidth
17078 {\leavevmode
17079 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
17080 \nobreak
17081 \global\@nobreaktrue
17082 \everypar{\global\@nobreakfalse\everypar{}}%
17083 \endgroup
17084 \fi}
17085 \else
17086 \renewcommand*\l@part{%
17087 \ifnum \c@tocdepth >-2\relax
17088 \addpenalty{-\@highpenalty}%
17089 \addvspace{2.25em \@plus \p}%
17090 \@regtocline{0}%
17091 \fi}
17092 \fi
17093 \if@oldtoc
17094 \renewcommand*\l@chapter[2]{%
17095 \addpenalty{-\@highpenalty}%
17096 \vskip 1.0em \@plus\p@
17097 \setlength\@tempdima{1.5em}%
17098 \begingroup
17099 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
17100 \parfillskip -\@pnumwidth
17101 \leavevmode \bfseries
17102 \advance\if@RTL\righskip\else\leftskip\fi\@tempdima
17103 \hskip -\if@RTL\righskip\else\leftskip\fi
17104 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
17105 \penalty\@highpenalty
17106 \endgroup}
17107 \else
17108 \renewcommand*\l@chapter{\@regtocline{0}}
17109 \fi
17110 \renewcommand*\head@style{%
17111 \interlinepenalty \@M
17112 \hyphenpenalty=\@M \exhyphenpenalty=\@M
17113 \if@RTL\leftskip\else\righskip\fi=0cm plus .7\hsize\relax}
17114 \if@titlepage
17115 \renewenvironment{abstract}{%
17116 \titlepage
17117 \null\vfil

```



```

17118     \section*{\SectFont\abstractname}%
17119     \noindent\ignorespaces}
17120     {\par\vfil\null\endtitlepage}
17121 \else
17122   \renewenvironment{abstract}{%
17123     \if@twocolumn
17124       \section*{\abstractname}%
17125     \else
17126       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
17127       \section*{\small\SectFont\abstractname}%
17128       \noindent\ignorespaces
17129     \fi}
17130     {\if@twocolumn\else\par\egroup\fi}
17131 \fi
17132 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
17133 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\csubsection}
17134 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\csubsubsection}
17135 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
17136 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
17137 \renewcommand*\thefigure{%
17138   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
17139 \renewcommand*\thetable{%
17140   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
17141 \renewcommand*\theequation{%
17142   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@equation}
17143 \renewenvironment{thebibliography}[1]
17144   {\chapter*{\bibname}%
17145     \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
17146     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
17147     \bidi@thebibliography@font@hook%
17148     \list{\@biblabel{\@arabic\c@enumiv}}%
17149       {\settowidth\labelwidth{\@biblabel{#1}}%
17150        \leftmargin\labelwidth
17151        \advance\leftmargin\labelsep
17152        \@openbib@code
17153        \usecounter{enumiv}%
17154        \let\p@enumiv\@empty
17155        \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
17156     \sloppy\clubpenalty4000\widowpenalty4000%
17157     \sfcode\~.\@m}
17158   {\def\@noitemerr
17159     {\@latex@warning{Empty `thebibliography' environment}}}%
17160   \endlist}
17161 \renewcommand*\left@footnoterule{%
17162   \kern-3\p@
17163   \kern.5\baselineskip
17164   \hrule\@width\unitindent
17165   \kern.4\baselineskip
17166 }
17167 \renewcommand*\right@footnoterule{%
17168   \kern-3\p@
17169   \kern.5\baselineskip
17170   \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\unitindent\relax \hrulefill }
17171   \kern.4\baselineskip}

```





```

17172 \renewcommand*\head@style{%
17173     \interlinepenalty \@M
17174     \hyphenpenalty=\@M \exhyphenpenalty=\@M
17175     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

## 110 File refrep-xetex-bidi.def

```

17176 \ProvidesFile{refrep-xetex-bidi.def}[2017/06/09 v0.5 bidi adaptations for refrep class for X
17177 \if@titlepage
17178     \renewcommand\maketitle{\begin{titlepage}%
17179         \let\footnotesize\small
17180         \let\right@footnoterule\relax
17181         \let\left@footnoterule\relax
17182         \let\textwidth@footnoterule\relax
17183         \let\footnote\thanks
17184         \let\LTRfootnote\LTRthanks
17185         \let\RTLfootnote\RTLthanks
17186         \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
17187         \def\@makefnmark%
17188             {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
17189         \long\def\@makefntext##1{%
17190             \@setpar{\@par
17191                 \@tempdima = \hsize
17192                 \advance\@tempdima -1em
17193                 \parshape \@ne 1em \@tempdima}%
17194             \par\parindent 1em \noindent
17195             \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
17196     \null\vfil
17197     \vskip 60\p@
17198     \begin{center}%
17199         {\LARGE \@title \par}%
17200         \vskip 3em%
17201         {\large
17202             \lineskip .75em%
17203             \begin{tabular}[t]{c}%
17204                 \@author
17205             \end{tabular}\par}%
17206         \vskip 1.5em%
17207         {\large \@date \par}% % Set date in \large size.
17208     \end{center}\par
17209     \@thanks
17210     \vfil\null
17211     \end{titlepage}%
17212     \setcounter{footnote}{0}%
17213     \global\let\thanks\relax
17214     \global\let\LTRthanks\relax
17215     \global\let\RTLthanks\relax
17216     \global\let\maketitle\relax
17217     \global\let\@thanks\@empty
17218     \global\let\@author\@empty
17219     \global\let\@date\@empty
17220     \global\let\@title\@empty
17221     \global\let\title\relax
17222     \global\let\author\relax

```



```

17223 \global\let\date\relax
17224 \global\let\and\relax
17225 }
17226 \else
17227 \renewcommand\maketitle{\par
17228 \beginingroup
17229 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
17230 \def\@makefnmark%
17231 {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
17232 \long\def\@makefntext##1{%
17233 \setpar{\@par
17234 \tempdima = \hsize
17235 \advance\tempdima -1em
17236 \parshape \@ne 1em \tempdima}%
17237 \par\parindent 1em \noindent
17238 \hb@xt@ \z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
17239 \if@twocolumn
17240 \ifnum \col@number=\@ne
17241 \maketitle
17242 \else
17243 \twocolumn[\maketitle]%
17244 \fi
17245 \else
17246 \newpage
17247 \global\@topnum\z@ % Prevents figures from going at top of page.
17248 \maketitle
17249 \fi
17250 \thispagestyle{empty}\@thanks
17251 \endgroup
17252 \setcounter{footnote}{0}%
17253 \global\let\thanks\relax
17254 \global\let\LTRthanks\relax
17255 \global\let\RTLthanks\relax
17256 \global\let\maketitle\relax
17257 \global\let\@maketitle\relax
17258 \global\let\@thanks\@empty
17259 \global\let\@author\@empty
17260 \global\let\@date\@empty
17261 \global\let\@title\@empty
17262 \global\let\title\relax
17263 \global\let\author\relax
17264 \global\let\date\relax
17265 \global\let\and\relax
17266 }
17267 \def\@maketitle{%
17268 \newpage
17269 \null
17270 \longthickrule\vskip1.5em%
17271 \let \footnote \thanks
17272 \let \LTRfootnote \LTRthanks
17273 \let \RTLfootnote \RTLthanks
17274 {\secshape \parskip\z@ \parindent\z@
17275 \Large\bfseries \@title \par}%
17276 \vskip1.5em\longthickrule\vskip1.5em%

```



```

17277 { \normalsize
17278 \lineskip .5em%
17279 \begin{flushright}%
17280 {\slshape \@author \par}
17281 \vskip 1em%
17282 {\@date}%
17283 \end{flushright} \par}%
17284 \vskip 1.5em}
17285 \fi
17286 \renewcommand* \l@part [2] {%
17287 \ifnum \c@tocdepth > -2 \relax
17288 \addpenalty{-\@highpenalty}%
17289 \addvspace{2.25em \@plus \p}%
17290 \begingroup
17291 \parindent \z@ \if@RTL \leftskip \else \rightskip \fi \@pnumwidth
17292 \parfillskip -\@pnumwidth
17293 {\leavevmode
17294 \large \bfseries #1 \hfil \hbox to \@pnumwidth {\hss #2}} \par
17295 \nobreak
17296 \global \@nobreaktrue
17297 \everypar {\global \@nobreakfalse \everypar {}}%
17298 \endgroup
17299 \fi}
17300 \renewcommand* \l@chapter [2] {%
17301 \ifnum \c@tocdepth > \m@ne
17302 \addpenalty{-\@highpenalty}%
17303 \vskip 1.0em \@plus \p@
17304 \setlength \@tempdima {1.5em}%
17305 \begingroup
17306 \parindent \z@ \if@RTL \leftskip \else \rightskip \fi \@pnumwidth
17307 \parfillskip -\@pnumwidth
17308 \leavevmode \bfseries
17309 \advance \if@RTL \rightskip \else \leftskip \fi \@tempdima
17310 \hskip -\if@RTL \rightskip \else \leftskip \fi
17311 #1 \nobreak \hfil \nobreak \hb@xt@ \@pnumwidth {\hss #2} \par
17312 \penalty \@highpenalty
17313 \endgroup
17314 \fi}
17315 \renewcommand \secshape {\if@RTL \rightskip \else \leftskip \fi = -\leftmarginwidth%
17316 \if@RTL \leftskip \else \rightskip \fi = \@flushglue%
17317 \hyphenpenalty = 2000}
17318 \renewcommand \left@footnoterule {%
17319 \kern -3 \p@
17320 \hrule \@width .4 \columnwidth
17321 \kern 2.6 \p@}
17322 \renewcommand \right@footnoterule {%
17323 \kern -3 \p@
17324 \hbox to \columnwidth {\hskip .6 \columnwidth \hrulefill }
17325 \kern 2.6 \p@}
17326 \renewcommand \theequation
17327 {\ifnum \c@chapter > \z@ \thechapter \@SepMark \fi \@arabic \c@equation}
17328 \renewcommand \thefigure
17329 {\ifnum \c@chapter > \z@ \thechapter \@SepMark \fi \@arabic \c@figure}
17330 \renewcommand \thetable%

```



```

17331     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
17332 \renewcommand\thesection     {\thechapter\@SepMark\@arabic\c@section}
17333 \renewcommand\thesubsection   {\thesection\@SepMark\@arabic\c@subsection}
17334 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
17335 \renewcommand\theparagraph    {\thesubsubsection\@SepMark\@arabic\c@paragraph}
17336 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
17337 \renewenvironment{thebibliography}[1]
17338     {\chapter*{\bibname
17339         \@mkboth{\bibname}{\bibname}}%
17340         \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
17341         \bidi@thebibliography@font@hook%
17342         \list{\@biblabel{\@arabic\c@enumiv}}%
17343             {\settowidth\labelwidth{\@biblabel{#1}}%
17344              \leftmargin\labelwidth
17345              \advance\leftmargin\labelsep
17346              \@openbib@code
17347              \usecounter{enumiv}%
17348              \let\p@enumiv\@empty
17349              \renewcommand\theenumiv{\@arabic\c@enumiv}}%
17350              \sloppy
17351              \clubpenalty4000
17352              \clubpenalty \clubpenalty
17353              \widowpenalty4000%
17354         \sfcode`\.=\@m}
17355     {\def\@noitemerr
17356         {\@latex@warning{Empty `thebibliography' environment}}}%
17357     \endlist}

```

## 111 File report-xetex-bidi.def

```

17358 \ProvidesFile{report-xetex-bidi.def}[2017/06/09 v0.8 bidi adaptations for standard report cl
17359 \renewenvironment{theindex}
17360     {\if@twocolumn
17361         \@restonecolfalse
17362         \else
17363             \@restonecoltrue
17364             \fi
17365         \columnseprule \z@
17366         \columnsep 35\p@
17367         \twocolumn[\@makeschapterhead{\indexname}]%
17368         \@mkboth{\MakeUppercase\indexname}%
17369                 {\MakeUppercase\indexname}%
17370         \thispagestyle{plain}\parindent\z@
17371         \parskip\z@ \@plus .3\p@\relax
17372         \let\item\@idxitem}
17373     {\if@restonecol\onecolumn\else\clearpage\fi}
17374 \if@titlepage
17375 \renewcommand\maketitle{\begin{titlepage}%
17376 \let\footnotesize\small
17377 \let\right@footnoterule\relax
17378 \let\left@footnoterule\relax
17379 \let\textwidth\footnoterule\relax
17380 \let \footnote \thanks
17381 \let \LTRfootnote \LTRthanks

```



```

17382 \let \RTLfootnote \RTLthanks
17383 \null\vfil
17384 \vskip 60\p@
17385 \begin{center}%
17386   {\LARGE \@title \par}%
17387   \vskip 3em%
17388   {\large
17389     \lineskip .75em%
17390     \begin{tabular}[t]{c}%
17391       \@author
17392     \end{tabular}\par}%
17393   \vskip 1.5em%
17394   {\large \@date \par}%           % Set date in \large size.
17395 \end{center}\par
17396 \@thanks
17397 \vfil\null
17398 \end{titlepage}%
17399 \setcounter{footnote}{0}%
17400 \global\let\thanks\relax
17401 \global\let\LTRthanks\relax
17402 \global\let\RTLthanks\relax
17403 \global\let\maketitle\relax
17404 \global\let\@thanks\@empty
17405 \global\let\@author\@empty
17406 \global\let\@date\@empty
17407 \global\let\@title\@empty
17408 \global\let\title\relax
17409 \global\let\author\relax
17410 \global\let\date\relax
17411 \global\let\and\relax
17412 }
17413 \else
17414 \renewcommand\maketitle{\par
17415   \begingroup
17416     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
17417     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
17418     \long\def\@makefntext##1{\parindent 1em\noindent
17419       \hb@xt@1.8em{%
17420         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
17421     \if@twocolumn
17422       \ifnum \col@number=\@ne
17423         \@maketitle
17424       \else
17425         \twocolumn[\@maketitle]%
17426       \fi
17427     \else
17428       \newpage
17429       \global\@topnum\z@   % Prevents figures from going at top of page.
17430       \@maketitle
17431     \fi
17432     \thispagestyle{plain}\@thanks
17433   \endgroup
17434   \setcounter{footnote}{0}%
17435   \global\let\thanks\relax

```



```

17436 \global\let\LTRthanks\relax
17437 \global\let\RTLthanks\relax
17438 \global\let\maketitle\relax
17439 \global\let\@maketitle\relax
17440 \global\let\@thanks\@empty
17441 \global\let\@author\@empty
17442 \global\let\@date\@empty
17443 \global\let\@title\@empty
17444 \global\let\title\relax
17445 \global\let\author\relax
17446 \global\let\date\relax
17447 \global\let\and\relax
17448 }
17449 \def\@maketitle{%
17450   \newpage
17451   \null
17452   \vskip 2em%
17453   \begin{center}%
17454     \let \footnote \thanks
17455     \let \LTRfootnote \LTRthanks
17456     \let \RTLfootnote \RTLthanks
17457     {\LARGE \@title \par}%
17458     \vskip 1.5em%
17459     {\large
17460       \lineskip .5em%
17461       \begin{tabular}[t]{c}%
17462         \@author
17463         \end{tabular}\par}%
17464     \vskip 1em%
17465     {\large \@date}%
17466   \end{center}%
17467   \par
17468   \vskip 1.5em}
17469 \fi
17470 \renewcommand*\l@part[2]{%
17471   \ifnum \c@tocdepth >-2\relax
17472     \addpenalty{-\@highpenalty}%
17473     \addvspace{2.25em \@plus\p}%
17474     \setlength\@tempdima{3em}%
17475     \begingroup
17476       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
17477       \parfillskip -\@pnumwidth
17478       {\leavevmode
17479         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
17480       \nobreak
17481       \global\@nobreaktrue
17482       \everypar{\global\@nobreakfalse\everypar{}}%
17483     \endgroup
17484   \fi}
17485 \renewcommand*\l@chapter[2]{%
17486   \ifnum \c@tocdepth >\m@ne
17487     \addpenalty{-\@highpenalty}%
17488     \vskip 1.0em \@plus\p@
17489     \setlength\@tempdima{1.5em}%

```



```

17490 \begingroup
17491 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
17492 \parfillskip -\@pnumwidth
17493 \leavevmode \bfseries
17494 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
17495 \hskip -\if@RTL\rightskip\else\leftskip\fi
17496 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
17497 \penalty\@highpenalty
17498 \endgroup
17499 \fi}
17500 \renewcommand\left@footnoterule{%
17501 \kern-3\p@
17502 \hrule\@width.4\columnwidth
17503 \kern2.6\p@}
17504 \renewcommand\right@footnoterule{%
17505 \kern-3\p@
17506 \hbox to \columnwidth{\hskip .6\columnwidth \hrulefill }
17507 \kern2.6\p@}
17508 \renewcommand\theequation
17509 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
17510 \renewcommand \thefigure
17511 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
17512 \renewcommand \thetable
17513 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
17514 \renewcommand \thechapter {\@arabic\c@chapter}
17515 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
17516 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
17517 \renewcommand \thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
17518 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
17519 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
17520 \def\@makechapterhead#1{%
17521 \vspace*{50\p@}%
17522 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
17523 \ifnum \c@secnumdepth >\m@ne
17524 \huge\bfseries \@chapapp\space \thechapter
17525 \par\nobreak
17526 \vskip 20\p@
17527 \fi
17528 \interlinepenalty\@M
17529 \Huge \bfseries #1\par\nobreak
17530 \vskip 40\p@
17531 }}
17532 \def\@makeschapterhead#1{%
17533 \vspace*{50\p@}%
17534 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
17535 \normalfont
17536 \interlinepenalty\@M
17537 \Huge \bfseries #1\par\nobreak
17538 \vskip 40\p@
17539 }}
17540 \renewenvironment{thebibliography}[1]
17541 {\chapter*{\bibname}%
17542 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
17543 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi

```



```

17544 \bidi@thebibliography@font@hook%
17545 \list{\@biblabel{\@arabic\c@enumiv}}%
17546 {\settowidth\labelwidth{\@biblabel{#1}}%
17547 \leftmargin\labelwidth
17548 \advance\leftmargin\labelsep
17549 \@openbib@code
17550 \usecounter{enumiv}%
17551 \let\p@enumiv\@empty
17552 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
17553 \sloppy
17554 \clubpenalty4000
17555 \@clubpenalty \clubpenalty
17556 \widowpenalty4000%
17557 \sfcode\.\@m}
17558 {\def\@noitemerr
17559 {\@latex@warning{Empty `thebibliography' environment}}}%
17560 \endlist}

```

## 112 File rotating-xetex-bidi.def

```

17561 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package]
17562 \def\end@rotfloat{%
17563 \end{minipage}\end{lrbox}%
17564 \stepcounter{r@tfl@t}%
17565 \rot@label{RF\ther@tfl@t}%
17566 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
17567 \edef\@tempa{Adding sideways \capttype\space on page \R@@page\space}
17568 \rot@mess@toks\expandafter{\@tempa}
17569 \wd\rot@float@box\z@
17570 \ht\rot@float@box\z@
17571 \dp\rot@float@box\z@
17572 \vboxL to \textheight{%
17573 \setkeys{Grot}{units=360}}%
17574 \if@rot@twoside
17575 \else
17576 \let\R@@page\rot@LR
17577 \fi
17578 \ifthenelse{\isodd{\R@@page}}{%
17579 \if@rot@twoside
17580 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
17581 \fi
17582 \vfill
17583 \@@line{%
17584 \hskip\rotFPtop
17585 \rotatebox{90}{\box\rot@float@box}%
17586 \hskip\rotFPbot
17587 }%
17588 }{%
17589 \if@rot@twoside
17590 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
17591 \fi
17592 \@@line{%
17593 \hskip\rotFPbot
17594 \rotatebox{-90}{\box\rot@float@box}%

```





```

17595         \hskip\rotFPtop
17596     }%
17597     \vfill
17598 }%
17599 \rot@message{\the\rot@mess@toks}
17600 }%
17601 \end@float
17602 }
17603 \let\endsidewaysfigure\end@rotfloat
17604 \let\endsidewaysstable\end@rotfloat
17605 \def\end@rotdblfloat{%
17606     \end{minipage}\end{lrbox}%
17607     \stepcounter{r@tfl@t}%
17608     \rot@label{RF\ther@tfl@t}%
17609     \rot@pageref{RF\ther@tfl@t}{\R@@page}%
17610     \edef\@tempa{Adding sideways \capttype\space on page \R@@page\space}
17611     \rot@mess@toks\expandafter{\@tempa}
17612     \@tempdima\ht\rot@float@box
17613     \advance\@tempdima by \dp\rot@float@box
17614     \wd\rot@float@box\z@
17615     \ht\rot@float@box\z@
17616     \dp\rot@float@box\z@
17617     \vboxL to \textheight{%
17618         \setkeys{Grot}{units=360}%
17619         \if@rot@twoside
17620             \else
17621                 \let\R@@page\rot@LR
17622             \fi
17623             \ifthenelse{\isodd{\R@@page}}{%
17624                 \ifrot@messages
17625                     \if@rot@twoside
17626                     \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
17627                 \fi
17628                 \fi
17629                 \vfill
17630                 @@line{%
17631                     \hskip\rotFPtop
17632                     \rotatebox{90}{\box\rot@float@box}%
17633                     \hskip\rotFPbot
17634                 }%
17635             }{%
17636                 \ifrot@messages
17637                     \if@rot@twoside
17638                     \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
17639                 \fi
17640                 \fi%
17641                 @@line{%
17642                     \hskip\rotFPbot
17643                     \rotatebox{-90}{\box\rot@float@box}%
17644                     \hskip\rotFPtop
17645                 }%
17646                 \vfill
17647             }%
17648         \rot@message{\the\rot@mess@toks}%

```



```

17649 }%
17650 \end@dblfloat
17651 }
17652 \def\turn#1{%
17653   \Grot@setangle{#1}%
17654   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
17655 \def\endturn{%
17656   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
17657   \unskip\color@endbox
17658   \Grot@x\z@
17659   \Grot@y\z@
17660   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
17661 }
17662 \def\rotate#1{%
17663   \Grot@setangle{#1}%
17664   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
17665 \def\endrotate{%
17666   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
17667   \unskip\color@endbox
17668   \Grot@x\z@
17669   \Grot@y\z@
17670   \wd0\z@\dp0\z@\ht0\z@
17671   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
17672 }
17673 \def\turnbox#1#2{%
17674   \Grot@setangle{#1}%
17675   \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
17676   \Grot@x\z@\Grot@y\z@
17677   \wd0\z@\dp0\z@\ht0\z@
17678   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
17679 }
17680 \def\sideways{%
17681   \Grot@setangle{90}%
17682   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
17683 \def\endsideways{%
17684   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
17685   \unskip\color@endbox
17686   \Grot@x\z@
17687   \Grot@y\z@
17688   \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
17689 }

```

## 113 File `scrartcl-xetex-bidi.def`

```

17690 \ProvidesFile{scrartcl-xetex-bidi.def}[2022/05/22 v1.2 bidi adaptations for scrartcl class f
17691 \newcommand{\scr@saved@LTRfootnotetext}{}
17692 \newcommand{\scr@saved@RTLfootnotetext}{}
17693 \let\scr@saved@footnotetext\@footnotetext
17694 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
17695 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
17696 \renewcommand{\@footnotetext}[1]{%
17697   \scr@saved@footnotetext{#1}%
17698   \csname FN@mfb@prepare\endcsname
17699 }

```



```

17700 \renewcommand{\@LTRfootnotetext}[1]{%
17701   \scr@saved@LTRfootnotetext{#1}%
17702   \csname FN@mfb@prepare\endcsname
17703 }
17704 \renewcommand{\@RTLfootnotetext}[1]{%
17705   \scr@saved@RTLfootnotetext{#1}%
17706   \csname FN@mfb@prepare\endcsname
17707 }
17708 \renewcommand\deffootnote[4][1]{%
17709   \expandafter\ifnum\scr@v@is@ge{3.22}\relax
17710     \long\def\@makefnmark##1{%
17711       \ExecuteDoHook{footnote/text/begin}%
17712       \raggedfootnote
17713       \if@RTL
17714         \rightskip
17715       \else
17716         \leftskip
17717       \fi
17718       #2
17719       \l@addto@macro\@trivlist{%
17720         \ifnum\@listdepth=\@ne
17721           \if@RTL
17722             \advance\rightmargin #2\relax
17723           \else
17724             \advance\leftmargin #2\relax
17725           \fi
17726         \fi
17727       }%
17728       \parindent #3\noindent
17729       \IfArgIsEmpty{#1}{-}{%
17730         \hskip \dimexpr #1-#2\relax
17731       }%
17732       \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
17733       \ExecuteDoHook{footnote/text/end}%
17734     }%
17735   \else
17736     \ClassInfo{\KOMAClassName}{%
17737       Using old \string\@makefnmark\space due to compatibility
17738       level\MessageBreak
17739       less than 3.22}%
17740     \long\def\@makefnmark##1{%
17741       \setlength{\@tempdimc}{#3}%
17742       \def\@tempa{#1}\ifx\@tempa\@empty
17743         \@setpar{\@par
17744           \@tempdima = \hsize
17745           \addtolength{\@tempdima}{-#2}%
17746           \if@RTL
17747             \parshape \@ne \z@ \@tempdima
17748           \else
17749             \parshape \@ne #2 \@tempdima
17750           \fi}%
17751       \else
17752         \addtolength{\@tempdimc}{#2}%
17753         \addtolength{\@tempdimc}{-#1}%

```



```

17754      \@setpar{\@par
17755        \@tempdima = \hsize
17756        \addtolength{\@tempdima}{-#1}%
17757        \@tempdimb = \hsize
17758        \addtolength{\@tempdimb}{-#2}%
17759        \ifRTL
17760          \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
17761        \else
17762          \parshape \tw@ #1 \@tempdima #2 \@tempdimb
17763        \fi
17764      }%
17765    \fi
17766    \par
17767    \parindent\@tempdimc\noindent
17768    \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
17769  }%
17770 \fi
17771 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
17772 }
17773 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
17774 \renewcommand*\left@footnoterule{%
17775   \normalsize\ftn@rule@test@values
17776   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
17777   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
17778   {\usekomafont{footnoterule}{%
17779     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
17780   \kern 2.6\p@}
17781 \renewcommand*\right@footnoterule{%
17782   \normalsize\ftn@rule@test@values
17783   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
17784   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
17785   {\usekomafont{footnoterule}{%
17786     \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\l
17787     \kern 2.6\p@}
17788   \renewcommand*\maketitle[1][1]{%
17789     \expandafter\ifnum \c@name scr@v@3.12\endcsname>\scr@compatibility\relax
17790     \else
17791       \def\and{%
17792         \end{tabular}%
17793         \hskip 1em \@plus.17fil%
17794         \begin{tabular}[t]{c}%
17795       }%
17796     \fi
17797     \if@titlepage
17798       \begin{titlepage}
17799         \setcounter{page}{%
17800           #1%
17801         }%
17802       \if@titlepageiscoverpage
17803         \edef\t@titlepage@restore{%
17804           \noexpand\endgroup
17805           \noexpand\global\noexpand\@colht\the\@colht
17806           \noexpand\global\noexpand\@colroom\the\@colroom
17807           \noexpand\global\vs@the\the\vs@the

```



```

17808         \noexpand\global\noexpand\@titlepageiscoverpagefalse
17809         \noexpand\let\noexpand\titlepage@restore\noexpand\relax
17810     }%
17811     \begingroup
17812     \topmargin=\dimexpr \coverpagetopmargin-1in\relax
17813     \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
17814     \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
17815     \textwidth=\dimexpr
17816     \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
17817     \textheight=\dimexpr
17818     \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
17819     \headheight=0pt
17820     \headsep=0pt
17821     \footskip=\baselineskip
17822     \@colht=\textheight
17823     \@colroom=\textheight
17824     \vsize=\textheight
17825     \columnwidth=\textwidth
17826     \hsize=\columnwidth
17827     \linewidth=\hsize
17828     \else
17829         \let\titlepage@restore\relax
17830     \fi
17831     \let\footnotesize\small
17832     \let\right@footnoterule\relax
17833     \let\left@footnoterule\relax
17834     \let\textwidth@footnoterule\relax
17835     \let\footnote\thanks
17836     \let\LTRfootnote\LTRthanks
17837     \let\RTLfootnote\RTLthanks
17838     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
17839     \let\@oldmakefnmark\@makefnmark
17840     \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
17841     \ifx\@extratitle\@empty
17842         \ifx\@frontispiece\@empty
17843             \else
17844                 \if@twoside\mbox{}\next@tpage\fi
17845                 \noindent\@frontispiece\next@tdpage
17846             \fi
17847         \else
17848             \noindent\@extratitle
17849             \ifx\@frontispiece\@empty
17850                 \else
17851                     \next@tpage
17852                     \noindent\@frontispiece
17853                 \fi
17854                 \next@tdpage
17855             \fi
17856     \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
17857     \ifx\@titlehead\@empty \else
17858         \begin{minipage}[t]{\textwidth}%
17859             \usekomafont{titlehead}{\@titlehead\par}%
17860         \end{minipage}\par
17861     \fi

```



```

17862 \null\vfill
17863 \begin{center}
17864 \ifx\@subject\@empty \else
17865 {\usekomafont{subject}{\@subject\par}}%
17866 \vskip 3em
17867 \fi
17868 {\usekomafont{title}{\huge \@title\par}}%
17869 \vskip 1em
17870 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
17871 \vskip 2em
17872 {%
17873 \usekomafont{author}{%
17874 \lineskip 0.75em
17875 \begin{tabular}[t]{c}
17876 \@author
17877 \end{tabular}\par
17878 }%
17879 }%
17880 \vskip 1.5em
17881 {\usekomafont{date}{\@date \par}}%
17882 \vskip \z@ \@plus3fill
17883 {\usekomafont{publishers}{\@publishers \par}}%
17884 \vskip 3em
17885 \end{center}\par
17886 \@thanks\global\let\@thanks\@empty
17887 \vfill\null
17888 \if@twoside
17889 \@tempwattrue
17890 \expandafter\ifnum \@nameuse{scr@v@3.12}>\scr@compatibility\relax
17891 \else
17892 \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
17893 \@tempwafalse
17894 \fi\fi
17895 \fi
17896 \if@tempswa
17897 \next@tpage
17898 \begin{minipage}[t]{\textwidth}
17899 \@uppertitleback
17900 \end{minipage}\par
17901 \vfill
17902 \begin{minipage}[b]{\textwidth}
17903 \@lowertitleback
17904 \end{minipage}\par
17905 \@thanks\global\let\@thanks\@empty
17906 \fi
17907 \else
17908 \ifx\@uppertitleback\@empty\else
17909 \ClassWarning{KOMAClassName}{%
17910 non empty \string\uppertitleback\space ignored
17911 by \string\maketitle\MessageBreak
17912 in `twoside=false' mode%
17913 }%
17914 \fi
17915 \ifx\@lowertitleback\@empty\else

```



```

17916         \ClassWarning{\KOMAClassName}{%
17917             non empty \string\lowertitleback\space ignored
17918             by \string\maketitle\MessageBreak
17919             in `twoside=false' mode%
17920         }%
17921     \fi
17922 \fi
17923 \ifx\@dedication\@empty
17924 \else
17925     \next@tdpage\null\vfill
17926     {\centering\usekomafont{dedication}{\@dedication \par}}%
17927     \vskip \z@ \@plus3fill
17928     \@thanks\global\let\@thanks\@empty
17929     \cleardoubleemptypage
17930 \fi
17931 \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
17932 \end{titlepage}
17933 \else
17934     \par
17935     \@tempcnta=%
17936     #1%
17937     \relax\ifnum\@tempcnta=1\else
17938         \ClassWarning{\KOMAClassName}{%
17939             Optional argument of \string\maketitle\space ignored\MessageBreak
17940             in `titlepage=false' mode%
17941         }%
17942     \fi
17943 \ifx\@uppertitleback\@empty\else
17944     \ClassWarning{\KOMAClassName}{%
17945         non empty \string\uppertitleback\space ignored
17946         by \string\maketitle\MessageBreak
17947         in `titlepage=false' mode%
17948     }%
17949 \fi
17950 \ifx\@lowertitleback\@empty\else
17951     \ClassWarning{\KOMAClassName}{%
17952         non empty \string\lowertitleback\space ignored
17953         by \string\maketitle\MessageBreak
17954         in `titlepage=false' mode%
17955     }%
17956 \fi
17957 \begingroup
17958     \let\titlepage@restore\relax
17959     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
17960     \let\@oldmakefnmark\@makefnmark
17961     \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
17962     \next@tdpage
17963     \if@twocolumn
17964         \ifnum \col@number=\@one
17965             \ifx\@extratitle\@empty
17966                 \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
17967             \else
17968                 \@makeextratitle
17969             \fi

```



```

17970         \ifx\@frontispiece\@empty
17971         \ifx\@extratitle\@empty\else\next@tdpage\fi
17972     \else
17973         \next@tpage
17974         \@makefrontispiece
17975         \next@tdpage
17976     \fi
17977     \@maketitle
17978 \else
17979     \ifx\@extratitle\@empty
17980         \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
17981     \else
17982         \twocolumn[\@makeextratitle]%
17983     \fi
17984     \ifx\@frontispiece\@empty
17985         \ifx\@extratitle\@empty\else\next@tdpage\fi
17986     \else
17987         \next@tpage
17988         \twocolumn[\@makefrontispiece]%
17989         \next@tdpage
17990     \fi
17991     \twocolumn[\@maketitle]%
17992 \fi
17993 \else
17994     \ifx\@extratitle\@empty
17995         \ifx\@frontispiece\@empty\else \mbox{}\fi
17996     \else
17997         \@makeextratitle
17998     \fi
17999     \ifx\@frontispiece\@empty
18000         \ifx\@extratitle\@empty\else\next@tdpage\fi
18001     \else
18002         \next@tpage
18003         \@makefrontispiece
18004         \next@tdpage
18005     \fi
18006     \@maketitle
18007 \fi
18008     \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
18009     \@thanks\global\let\@thanks\@empty
18010 \endgroup
18011 \fi
18012 \setcounter{footnote}{0}%
18013 \expandafter\ifnum \csname scr@v@3.12\endcsname>\scr@compatibility\relax
18014     \let\thanks\relax
18015     \let\LTRthanks\relax
18016     \let\RTLthanks\relax
18017     \let\maketitle\relax
18018     \let\@maketitle\relax
18019     \global\let\@thanks\@empty
18020     \global\let\@author\@empty
18021     \global\let\@date\@empty
18022     \global\let\@title\@empty
18023     \global\let\@subtitle\@empty

```





```

18024 \global\let\@extratitle\@empty
18025 \global\let\@frontispiece\@empty
18026 \global\let\@titlehead\@empty
18027 \global\let\@subject\@empty
18028 \global\let\@publishers\@empty
18029 \global\let\@uppertitleback\@empty
18030 \global\let\@lowertitleback\@empty
18031 \global\let\@dedication\@empty
18032 \global\let\author\relax
18033 \global\let\title\relax
18034 \global\let\extratitle\relax
18035 \global\let\titlehead\relax
18036 \global\let\subject\relax
18037 \global\let\publishers\relax
18038 \global\let\uppertitleback\relax
18039 \global\let\lowertitleback\relax
18040 \global\let\dedication\relax
18041 \global\let\date\relax
18042 \fi
18043 \global\let\and\relax
18044 }%
18045 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
18046 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
18047 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
18048 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@section}
18049 \renewcommand*\thesubsubsection{\%
18050 \thesubsection\@SepMark\@arabic\c@subsubsection
18051 }
18052 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
18053 \renewcommand*\thesubparagraph{\%
18054 \theparagraph\@SepMark\@arabic\c@subparagraph
18055 }
18056 \renewenvironment{thebibliography}[1]{%
18057 \if@bib@break@
18058 \bib@beginhook
18059 \else
18060 \bib@heading
18061 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
18062 \noindent\bibpreamble\par\nobreak
18063 \fi\fi
18064 \bib@beginhook
18065 \bib@before@hook
18066 \fi
18067 \renewcommand{\BreakBibliography}[1]{%
18068 \@bib@break
18069 \end{thebibliography}%
18070 \begingroup ##1\endgroup
18071 \begin{thebibliography}{#1}
18072 }%
18073 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
18074 \bidi@thebibliography@font@hook%
18075 \list{%
18076 \@biblabel{\@arabic\c@enumiv}%
18077 }{%

```



```

18078 \settowidth\labelwidth{\@biblabel{#1}}%
18079 \leftmargin\labelwidth
18080 \advance\leftmargin\labelsep
18081 \@openbib@code
18082 \if@bib@break@
18083 \edef\@tempa{%
18084 \noexpand\usecounter{enumiv}}%
18085 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
18086 }\@tempa
18087 \no@bib@break
18088 \else
18089 \usecounter{enumiv}%
18090 \fi
18091 \let\p@enumiv\@empty
18092 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
18093 }%
18094 \sloppy\clubpenalty4000 \widowpenalty4000
18095 \sfcode`\.=\@m
18096 }{%
18097 \if@bib@break@
18098 \def\@noitemerr{%
18099 \@latex@warning{%
18100 \string\BreakBibliography\space at begin of `thebibliography'
18101 environment\MessageBreak
18102 or following \string\BreakBibliography}%
18103 }%
18104 \else
18105 \def\@noitemerr{%
18106 \@latex@warning{%
18107 Empty `thebibliography' environment or
18108 \string\BreakBibliography\MessageBreak
18109 before end of `thebibliography' environment}%
18110 }%
18111 \fi
18112 \endlist
18113 \if@bib@break@
18114 \else
18115 \bib@after@hook
18116 \let\bib@before@hook\@empty
18117 \let\bib@after@hook\@empty
18118 \fi
18119 \bib@endhook
18120 }
18121 \renewcommand*\@raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
18122 \renewcommand*\@raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
18123 \renewcommand*\@raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
18124 \renewcommand\marginline[1]{%
18125 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright
18126 }
18127 \renewcommand{\@makecaption}[3]{%
18128 \cap@margin
18129 \begingroup
18130 \ifonelinecaptions
18131 \def\stepcounter##1{\advance\value{##1}\@ne}%

```



```

18132 \let\refstepcounter\stepcounter
18133 \let\label\@gobble
18134 \let\@footnotetext=\@gobble
18135 \let\@LTRfootnotetext=\@gobble
18136 \let\@RTLfootnotetext=\@gobble
18137 \let\hypertarget\@gobbletwo
18138 \edef\@xnewline{%
18139   \unexpanded{\ClassInfo{\KOMAClassName}{%
18140     Workaround for not recommended usage of \string\\ or\MessageBreak
18141     \string\newline in caption text
18142   }}%
18143   \hspace*{\linewidth}\hspace{1sp}%
18144 }%
18145 \unexpanded\expandafter{\@xnewline}%
18146 }%
18147 \edef\@xcentercr{%
18148   \unexpanded{\ClassInfo{\KOMAClassName}{%
18149     Workaround for not recommended usage of \string\\ or\MessageBreak
18150     \string\newline in caption text
18151   }}%
18152   \hspace*{\linewidth}\hspace{1sp}%
18153 }%
18154 \unexpanded\expandafter{\@xcentercr}%
18155 }%
18156 \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
18157 \ifdim\@tempdima>\cap@width
18158   \aftergroup\scr@makemultilinecaption
18159 \else
18160   \aftergroup\scr@makesinglelinecaption
18161 \fi
18162 \else
18163   \aftergroup\scr@makemultilinecaption
18164 \fi
18165 \endgroup
18166 {#1}{#2}{#3}%
18167 }
18168 \renewcommand{\scr@makesinglelinecaption}[3]{%
18169   {%
18170     \usefontofkomafont{caption}{%
18171       \hb@xt@{\hsize}{%
18172         \cap@left
18173         \if@RTL
18174           \beginR
18175         \fi
18176         \scr@makesinglelinecaption{#1}{#2}{#3}%
18177         \if@RTL
18178           \endR
18179         \fi
18180         \cap@right
18181       }\par\kern\dp\strutbox%
18182     }%
18183   }\kern-\dp\strutbox
18184 }
18185 \renewcommand{\@makecaption}[2]{%

```



```

18186 \if@captionabove
18187 \vskip\belowcaptionskip
18188 \else
18189 \vskip\abovecaptionskip
18190 \fi
18191 \@@makecaption\@firstofone{#1}{#2}%
18192 \if@captionabove
18193 \vskip\abovecaptionskip
18194 \else
18195 \vskip\belowcaptionskip
18196 \fi
18197 }
18198
18199 \bidi@AfterFile{longtable-xetex-bidi.def}{%
18200 \if@komalongtable
18201 \renewcommand{\LT@makecaption}[3]{%
18202 \noalign{%
18203 \if@captionabove
18204 \vskip\belowcaptionskip
18205 \else
18206 \vskip\abovecaptionskip
18207 \fi
18208 }%
18209 \LT@mcol\LT@cols c{%
18210 \hbox to\z@{\hss\parbox[t]{linewidth{%
18211 \def\@capytype{table}%
18212 \@@makecaption{#1}{#2}{#3}%
18213 \endgraf
18214 \if@captionabove
18215 \vskip\abovecaptionskip
18216 \else
18217 \vskip\belowcaptionskip
18218 \fi
18219 }%
18220 \hss
18221 }%
18222 }%
18223 }%
18224 \renewcommand*\scr@LT@array}{}%
18225 \let\scr@LT@array=\LT@array
18226 \renewcommand*\LT@array{%
18227 \let\scr@caption=\LT@caption
18228 \def\captionabove{\noalign{\global\@captionabovetrue}%
18229 \scr@caption}%
18230 \def\captionbelow{\noalign{\global\@captionabovefalse}%
18231 \scr@caption}%
18232 \if@tablecaptionabove
18233 \let\LT@caption=\captionabove
18234 \else
18235 \let\LT@caption=\captionbelow
18236 \fi
18237 \scr@LT@array
18238 }%
18239 \ClassInfo{\KOMAClassName}{%

```



```

18240     longtable captions redefined%
18241   }%
18242   \fi
18243 }
18244
18245 \CloneTOCEntryStyle{tocline}{part}
18246 \TOCEntryStyleStartInitCode{part}{%
18247   \expandafter\renewcommand%
18248   \csname scr@tso@#1@linefill\endcsname{\hfill}%
18249   \expandafter\renewcommand%
18250   \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
18251   \expandafter\renewcommand%
18252   \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
18253     \usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}%
18254   \expandafter\renewcommand\expandafter*%
18255   \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p}%
18256 }
18257
18258 \CloneTOCEntryStyle{tocline}{section}
18259 \TOCEntryStyleStartInitCode{section}{%
18260   \expandafter\renewcommand%
18261   \csname scr@tso@#1@linefill\endcsname{%
18262     \if@sectionentrywithdots
18263       {\usekomafont{sectionentrydots}{\TOCLineLeaderFill}}\relax
18264     \else
18265       \hfill
18266     \fi
18267   }%
18268   \expandafter\renewcommand%
18269   \csname scr@tso@#1@entryformat\endcsname{\usekomafont{sectionentry}}%
18270   \expandafter\renewcommand%
18271   \csname scr@tso@#1@pagenumberformat\endcsname[1]{\usekomafont{sectionentry}{\usekomafont{
18272     \expandafter\renewcommand\expandafter*%
18273     \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p}%
18274   }
18275
18276 \CloneTOCEntryStyle{tocline}{subsection}
18277 \TOCEntryStyleStartInitCode{subsection}{%
18278   \expandafter\renewcommand%
18279   \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
18280 }
18281
18282 \CloneTOCEntryStyle{subsection}{default}
18283
18284 \DeclareSectionCommand[%
18285   style=section,%
18286   level=1,%
18287   indent=\z@,%
18288   beforeskip=-3.5ex \@plus -1ex \@minus -.2ex,%
18289   afterskip=2.3ex \@plus .2ex,%
18290   tocstyle=section,%
18291   tocindent=0pt,%
18292   tocnumwidth=1.5em%
18293 ]{section}

```



```

18294 \DeclareSectionCommand[%
18295   style=part,%
18296   level=\z@,%
18297   tocstyle=part,%
18298   toplevel=\m@ne,%
18299   tocindent=\z@,%
18300   tocnumwidth=2em%
18301 ]{part}
18302 \DeclareSectionCommand[%
18303   style=section,%
18304   level=2,%
18305   indent=\z@,%
18306   beforeskip=-3.25ex\@plus -1ex \@minus -.2ex,%
18307   afterskip=1.5ex \@plus .2ex,%
18308   tocstyle=subsection,%
18309   tocindent=1.5em,%
18310   tocnumwidth=2.3em%
18311 ]{subsection}
18312 \DeclareSectionCommand[%
18313   style=section,%
18314   level=3,%
18315   indent=\z@,%
18316   beforeskip=-3.25ex\@plus -1ex \@minus -.2ex,%
18317   afterskip=1.5ex \@plus .2ex,%
18318   tocstyle=subsection,%
18319   tocindent=3.8em,%
18320   tocnumwidth=3.2em%
18321 ]{subsubsection}
18322 \DeclareSectionCommand[%
18323   style=section,%
18324   level=4,%
18325   indent=\z@,%
18326   beforeskip=3.25ex \@plus 1ex \@minus .2ex,%
18327   afterskip=-1em,%
18328   tocstyle=subsection,%
18329   tocindentfollows=subsubsection,%
18330   tocindent=7.0em,%
18331   tocnumwidth=4.1em%
18332 ]{paragraph}
18333 \DeclareSectionCommand[%
18334   style=section,%
18335   level=5,%
18336   indent=\scr@parindent,%
18337   beforeskip=3.25ex \@plus 1ex \@minus .2ex,%
18338   afterskip=-1em,%
18339   tocstyle=subsection,%
18340   tocindent=10em,%
18341   tocnumwidth=5em%
18342 ]{subparagraph}

```

## 114 File scrbook-xetex-bidi.def

```

18343 \ProvidesFile{scrbook-xetex-bidi.def}[2022/05/22 v1.2 bidi adaptations for scrbook class for
18344 \newcommand{\scr@saved@LTRfootnotetext}{}

```



```

18345 \newcommand{\scr@saved@RTLfootnotetext}{}
18346 \let\scr@saved@footnotetext\@footnotetext
18347 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
18348 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
18349 \renewcommand{\@footnotetext}[1]{%
18350   \scr@saved@footnotetext{#1}%
18351   \csname FN@mf@prepare\endcsname
18352 }
18353 \renewcommand{\@LTRfootnotetext}[1]{%
18354   \scr@saved@LTRfootnotetext{#1}%
18355   \csname FN@mf@prepare\endcsname
18356 }
18357 \renewcommand{\@RTLfootnotetext}[1]{%
18358   \scr@saved@RTLfootnotetext{#1}%
18359   \csname FN@mf@prepare\endcsname
18360 }
18361 \renewcommand\deffootnote[4][1]{%
18362   \expandafter\ifnum\scr@v@is@ge{3.22}\relax
18363     \long\def\@makefntext##1{%
18364       \ExecuteDoHook{footnote/text/begin}%
18365       \raggedfootnote
18366       \if@RTL
18367         \rightskip
18368       \else
18369         \leftskip
18370       \fi
18371       #2
18372       \l@addto@macro\@trivlist{%
18373         \ifnum\@listdepth=\@ne\advance
18374           \if@RTL
18375             \rightmargin #2\relax
18376           \else
18377             \leftmargin #2\relax
18378           \fi
18379         \fi
18380       }%
18381       \parindent #3\noindent
18382       \IfArgIsEmpty{#1}{}{}%
18383       \hskip \dimexpr #1-#2\relax
18384       }%
18385       \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
18386       \ExecuteDoHook{footnote/text/end}%
18387     }%
18388   \else
18389     \ClassInfo{\KOMAClassName}{%
18390       Using old \string\@makefntext\space due to compatibility
18391       level\MessageBreak
18392       less than 3.22}%
18393     \long\def\@makefntext##1{%
18394       \setlength{\@tempdimc}{#3}%
18395       \def\@tempa{#1}\ifx\@tempa\@empty
18396         \@setpar{\@par
18397           \@tempdima = \hsize
18398           \addtolength{\@tempdima}{-#2}%

```



```

18399         \if@RTL
18400             \parshape \@ne \z@ \@tempdima
18401         \else
18402             \parshape \@ne #2 \@tempdima
18403         \fi
18404     }%
18405 \else
18406     \addtolength{\@tempdimc}{#2}%
18407     \addtolength{\@tempdimc}{-#1}%
18408     \@setpar{\@par
18409         \@tempdima = \hspace
18410         \addtolength{\@tempdima}{-#1}%
18411         \@tempdimb = \hspace
18412         \addtolength{\@tempdimb}{-#2}%
18413         \if@RTL
18414             \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
18415         \else
18416             \parshape \tw@ #1 \@tempdima #2 \@tempdimb
18417         \fi
18418     }%
18419 \fi
18420 \par
18421 \parindent\@tempdimc\noindent
18422 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
18423 }%
18424 \fi
18425 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
18426 }
18427 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
18428 \renewcommand*\left@footnoterule{%
18429     \normalsize\ftn@rule@test@values
18430     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
18431     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
18432     {\usekomafont{footnoterule}{%
18433         \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
18434     \kern 2.6\p@}
18435 \renewcommand*\right@footnoterule{%
18436     \normalsize\ftn@rule@test@values
18437     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
18438     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
18439     {\usekomafont{footnoterule}{%
18440         \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\
18441         \kern 2.6\p@}
18442     \renewcommand*\maketitle[1][1]{%
18443         \expandafter\ifnum \csname scr@v@3.12\endcsname>\scr@compatibility\relax
18444         \else
18445             \def\and{%
18446                 \end{tabular}%
18447                 \hskip 1em \@plus.17fil%
18448                 \begin{tabular}[t]{c}%
18449             }%
18450         \fi
18451         \if@titlepage
18452             \begin{titlepage}

```





```

18453 \setcounter{page}{%
18454 #1%
18455 }%
18456 \if@titlepageiscoverpage
18457 \edef\titlepage@restore{%
18458 \noexpand\endgroup
18459 \noexpand\global\noexpand\@colht\the\@colht
18460 \noexpand\global\noexpand\@colroom\the\@colroom
18461 \noexpand\global\size\the\size
18462 \noexpand\global\noexpand\@titlepageiscoverpagefalse
18463 \noexpand\let\noexpand\titlepage@restore\noexpand\relax
18464 }%
18465 \begingroup
18466 \topmargin=\dimexpr \coverpagetopmargin-1in\relax
18467 \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
18468 \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
18469 \textwidth=\dimexpr
18470 \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
18471 \textheight=\dimexpr
18472 \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
18473 \headheight=0pt
18474 \headsep=0pt
18475 \footskip=\baselineskip
18476 \@colht=\textheight
18477 \@colroom=\textheight
18478 \size=\textheight
18479 \columnwidth=\textwidth
18480 \hsize=\columnwidth
18481 \linewidth=\hsize
18482 \else
18483 \let\titlepage@restore\relax
18484 \fi
18485 \let\footnotesize\small
18486 \let\right@footnoterule\relax
18487 \let\left@footnoterule\relax
18488 \let\textwidth@footnoterule\relax
18489 \let\footnote\thanks
18490 \let\LTRfootnote\LTRthanks
18491 \let\RTLfootnote\RTLthanks
18492 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
18493 \let\@oldmakefnmark\@makefnmark
18494 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
18495 \ifx\@extratitle\@empty
18496 \ifx\@frontispiece\@empty
18497 \else
18498 \if@twoside\mbox{}\next@tpage\fi
18499 \noindent\@frontispiece\next@tdpage
18500 \fi
18501 \else
18502 \noindent\@extratitle
18503 \ifx\@frontispiece\@empty
18504 \else
18505 \next@tpage
18506 \noindent\@frontispiece

```



```

18507      \fi
18508      \next@tdpage
18509    \fi
18510    \setparsizes{\z@}{\z@}{\z@ \@plus 1fil}\par@updateerelative
18511    \ifx\@titlehead\@empty \else
18512      \begin{minipage}[t]{\textwidth}%
18513        \usekomafont{titlehead}{\@titlehead\par}%
18514      \end{minipage}\par
18515    \fi
18516    \null\vfill
18517    \begin{center}
18518      \ifx\@subject\@empty \else
18519        {\usekomafont{subject}{\@subject\par}}%
18520        \vskip 3em
18521      \fi
18522      {\usekomafont{title}{\huge \@title\par}}%
18523      \vskip 1em
18524      {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
18525      \vskip 2em
18526      {%
18527        \usekomafont{author}{%
18528          \lineskip 0.75em
18529          \begin{tabular}[t]{c}
18530            \@author
18531          \end{tabular}\par
18532        }%
18533      }%
18534      \vskip 1.5em
18535      {\usekomafont{date}{\@date \par}}%
18536      \vskip \z@ \@plus3fill
18537      {\usekomafont{publishers}{\@publishers \par}}%
18538      \vskip 3em
18539    \end{center}\par
18540    \@thanks\global\let\@thanks\@empty
18541    \vfill\null
18542    \if@twoside
18543      \@tempswatrue
18544      \expandafter\ifnum \@nameuse{scr@v03.12}>\scr@compatibility\relax
18545      \else
18546        \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
18547          \@tempswafalse
18548        \fi\fi
18549      \fi
18550      \if@tempswa
18551        \next@tpage
18552        \begin{minipage}[t]{\textwidth}
18553          \@uppertitleback
18554        \end{minipage}\par
18555        \vfill
18556        \begin{minipage}[b]{\textwidth}
18557          \@lowertitleback
18558        \end{minipage}\par
18559        \@thanks\global\let\@thanks\@empty
18560      \fi

```



```

18561 \else
18562 \ifx\@uppertitleback\@empty\else
18563 \ClassWarning{\KOMAClassName}{%
18564 non empty \string\uppertitleback\space ignored
18565 by \string\maketitle\MessageBreak
18566 in `twoside=false' mode%
18567 }%
18568 \fi
18569 \ifx\@lowertitleback\@empty\else
18570 \ClassWarning{\KOMAClassName}{%
18571 non empty \string\lowertitleback\space ignored
18572 by \string\maketitle\MessageBreak
18573 in `twoside=false' mode%
18574 }%
18575 \fi
18576 \fi
18577 \ifx\@dedication\@empty
18578 \else
18579 \next@tdpage\null\vfill
18580 {\centering\usekomafont{dedication}{\@dedication \par}}%
18581 \vskip \z@ \@plus3fill
18582 \@thanks\global\let\@thanks\@empty
18583 \cleardoubleemptypage
18584 \fi
18585 \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
18586 \end{titlepage}
18587 \else
18588 \par
18589 \@tempcnta=%
18590 #1%
18591 \relax\ifnum\@tempcnta=1\else
18592 \ClassWarning{\KOMAClassName}{%
18593 Optional argument of \string\maketitle\space ignored\MessageBreak
18594 in `titlepage=false' mode%
18595 }%
18596 \fi
18597 \ifx\@uppertitleback\@empty\else
18598 \ClassWarning{\KOMAClassName}{%
18599 non empty \string\uppertitleback\space ignored
18600 by \string\maketitle\MessageBreak
18601 in `titlepage=false' mode%
18602 }%
18603 \fi
18604 \ifx\@lowertitleback\@empty\else
18605 \ClassWarning{\KOMAClassName}{%
18606 non empty \string\lowertitleback\space ignored
18607 by \string\maketitle\MessageBreak
18608 in `titlepage=false' mode%
18609 }%
18610 \fi
18611 \begingroup
18612 \let\titlepage@restore\relax
18613 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
18614 \let\@oldmakefnmark\@makefnmark

```



```

18615 \renewcommand*{\@makefnmark}{\rlap{\oldmakefnmark}}%
18616 \next@tdpage
18617 \if@twocolumn
18618 \ifnum \col@number=\@ne
18619 \ifx\@extratitle\@empty
18620 \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
18621 \else
18622 \@makeextratitle
18623 \fi
18624 \ifx\@frontispiece\@empty
18625 \ifx\@extratitle\@empty\else\next@tdpage\fi
18626 \else
18627 \next@tpage
18628 \@makefrontispiece
18629 \next@tdpage
18630 \fi
18631 \@maketitle
18632 \else
18633 \ifx\@extratitle\@empty
18634 \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
18635 \else
18636 \twocolumn[\@makeextratitle]%
18637 \fi
18638 \ifx\@frontispiece\@empty
18639 \ifx\@extratitle\@empty\else\next@tdpage\fi
18640 \else
18641 \next@tpage
18642 \twocolumn[\@makefrontispiece]%
18643 \next@tdpage
18644 \fi
18645 \twocolumn[\@maketitle]%
18646 \fi
18647 \else
18648 \ifx\@extratitle\@empty
18649 \ifx\@frontispiece\@empty\else \mbox{}\fi
18650 \else
18651 \@makeextratitle
18652 \fi
18653 \ifx\@frontispiece\@empty
18654 \ifx\@extratitle\@empty\else\next@tdpage\fi
18655 \else
18656 \next@tpage
18657 \@makefrontispiece
18658 \next@tdpage
18659 \fi
18660 \@maketitle
18661 \fi
18662 \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
18663 \@thanks\global\let\@thanks\@empty
18664 \endgroup
18665 \fi
18666 \setcounter{footnote}{0}%
18667 \expandafter\ifnum \c@name scr@v3.12\endcsname>\scr@compatibility\relax
18668 \let\thanks\relax

```



```

18669 \let\LTRthanks\relax
18670 \let\RTLthanks\relax
18671 \let\maketitle\relax
18672 \let\@maketitle\relax
18673 \global\let\@thanks\@empty
18674 \global\let\@author\@empty
18675 \global\let\@date\@empty
18676 \global\let\@title\@empty
18677 \global\let\@subtitle\@empty
18678 \global\let\@extratitle\@empty
18679 \global\let\@frontispiece\@empty
18680 \global\let\@titlehead\@empty
18681 \global\let\@subject\@empty
18682 \global\let\@publishers\@empty
18683 \global\let\@uppertitleback\@empty
18684 \global\let\@lowertitleback\@empty
18685 \global\let\@dedication\@empty
18686 \global\let\author\relax
18687 \global\let\title\relax
18688 \global\let\extratitle\relax
18689 \global\let\titlehead\relax
18690 \global\let\subject\relax
18691 \global\let\publishers\relax
18692 \global\let\uppertitleback\relax
18693 \global\let\lowertitleback\relax
18694 \global\let\dedication\relax
18695 \global\let\date\relax
18696 \fi
18697 \global\let\and\relax
18698 }%
18699 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
18700 \renewcommand*{\autodot}{\if@altsecnumformat\@SepMark\fi}
18701 \renewcommand*{\thesection}{%
18702 \expandafter\ifnum\scr@v@is>{2.97d}%
18703 \if@mainmatter\thechapter\@SepMark\fi
18704 \else
18705 \thechapter\@SepMark%
18706 \fi
18707 \@arabic\c@section
18708 }
18709 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
18710 \renewcommand*{\thesubsubsection}{%
18711 \thesubsection\@SepMark\@arabic\c@subsubsection
18712 }
18713 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
18714 \renewcommand*{\thesubparagraph}{%
18715 \theparagraph\@SepMark\@arabic\c@subparagraph
18716 }
18717 \expandafter\ifnum\scr@v@is<{2.97d}%
18718 \renewcommand*{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
18719 \fi
18720 \expandafter\ifnum\scr@v@is<{2.97d}%
18721 \renewcommand*{\thetable}{\thechapter\@SepMark\@arabic\c@table}
18722 \fi

```



```

18723 \renewcommand*{\theequation}{%
18724   \expandafter\ifnum\scr@v@is@gt{2.97d}%
18725     \if@mainmatter\thechapter\@SepMark\fi
18726   \else
18727     \thechapter\@SepMark%
18728   \fi
18729   \@arabic\c@equation
18730 }
18731 \renewenvironment{thebibliography}[1]{%
18732   \if@bib@break@
18733     \bib@beginhook
18734   \else
18735     \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
18736       \setchapterpreamble{\bibpreamble}%
18737     \fi\fi
18738     \bib@heading
18739     \bib@beginhook
18740     \bib@before@hook
18741   \fi
18742   \renewcommand{\BreakBibliography}[1]{%
18743     \@bib@break
18744     \end{thebibliography}%
18745     \begingroup ##1\endgroup
18746     \begin{thebibliography}{#1}
18747   }%
18748   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
18749   \bidi@thebibliography@font@hook%
18750   \list{%
18751     \@biblabel{\@arabic\c@enumiv}%
18752   }{%
18753     \settowidth\labelwidth{\@biblabel{#1}}%
18754     \leftmargin\labelwidth
18755     \advance\leftmargin\labelsep
18756     \@openbib@code
18757     \if@bib@break@
18758       \edef\@tempa{%
18759         \noexpand\usecounter{enumiv}%
18760         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
18761       }\@tempa
18762       \no@bib@break
18763     \else
18764       \usecounter{enumiv}%
18765     \fi
18766     \let\p@enumiv\@empty
18767     \renewcommand*\theenumiv{\@arabic\c@enumiv}%
18768   }%
18769   \sloppy\clubpenalty4000 \widowpenalty4000
18770   \sfcode`\.\@m
18771 }{%
18772   \if@bib@break@
18773     \def\@noitemerr{%
18774       \@latex@warning{%
18775         \string\BreakBibliography\space at begin of `thebibliography'
18776         environment\MessageBreak

```



```

18777         or following \string\BreakBibliography}%
18778     }%
18779 \else
18780     \def\@noitemerr{%
18781         \@latex@warning{%
18782             Empty `thebibliography' environment or
18783             \string\BreakBibliography\MessageBreak
18784             before end of `thebibliography' environment}%
18785     }%
18786 \fi
18787 \endlist
18788 \if@bib@break@
18789 \else
18790     \bib@after@hook
18791     \let\bib@before@hook\@empty
18792     \let\bib@after@hook\@empty
18793 \fi
18794 \bib@endhook
18795 }
18796 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
18797 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
18798 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
18799 \renewcommand\marginline[1]{%
18800     \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright
18801 }
18802 \renewcommand{\@makecaption}[3]{%
18803     \cap@margin
18804     \begingroup
18805         \ifonelinecaptions
18806         \def\stepcounter##1{\advance\value{##1}\@ne}%
18807         \let\refstepcounter\stepcounter
18808         \let\label\@gobble
18809         \let\@footnotetext=\@gobble
18810         \let\@LTRfootnotetext=\@gobble
18811         \let\@RTLfootnotetext=\@gobble
18812         \let\hypertarget\@gobbletwo
18813         \edef\xnewline{%
18814             \unexpanded{\ClassInfo{\KOMAClassName}{%
18815                 Workaround for not recommended usage of \string\\ or\MessageBreak
18816                 \string\newline in caption text
18817             }}%
18818             \hspace*{\linewidth}\hspace{1sp}%
18819             }%
18820             \unexpanded\expandafter{\@xnewline}%
18821         }%
18822         \edef\@xcentercr{%
18823             \unexpanded{\ClassInfo{\KOMAClassName}{%
18824                 Workaround for not recommended usage of \string\\ or\MessageBreak
18825                 \string\newline in caption text
18826             }}%
18827             \hspace*{\linewidth}\hspace{1sp}%
18828             }%
18829             \unexpanded\expandafter{\@xcentercr}%
18830         }%

```



```

18831 \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
18832 \ifdim\@tempdima>\cap@width
18833 \aftergroup\scr@makemultilinecaption
18834 \else
18835 \aftergroup\scr@makesinglelinecaption
18836 \fi
18837 \else
18838 \aftergroup\scr@makemultilinecaption
18839 \fi
18840 \endgroup
18841 {#1}{#2}{#3}%
18842 }
18843 \renewcommand{\scr@makesinglelinecaption}[3]{%
18844 {%
18845 \usefontofkomafont{caption}{%
18846 \hb@xt@{\hsize{%
18847 \cap@left
18848 \if@RTL
18849 \beginR
18850 \fi
18851 \scr@makesinglelinecaption{#1}{#2}{#3}%
18852 \if@RTL
18853 \endR
18854 \fi
18855 \cap@right
18856 }\par\kern\dp\strutbox%
18857 }%
18858 }\kern-\dp\strutbox
18859 }
18860 \renewcommand{\@makecaption}[2]{%
18861 \if@captionabove
18862 \vskip\belowcaptionskip
18863 \else
18864 \vskip\abovecaptionskip
18865 \fi
18866 \@makecaption\@firstofone{#1}{#2}%
18867 \if@captionabove
18868 \vskip\abovecaptionskip
18869 \else
18870 \vskip\belowcaptionskip
18871 \fi
18872 }
18873 \bidi@AfterFile{longtable-xetex-bidi.def}{%
18874 \if@komalongtable
18875 \renewcommand{\LT@makecaption}[3]{%
18876 \noalign{%
18877 \if@captionabove
18878 \vskip\belowcaptionskip
18879 \else
18880 \vskip\abovecaptionskip
18881 \fi
18882 }%
18883 \LT@mcol\LT@cols c{%
18884 \hbox to\z@{\hss\parbox[t]{\linewidth}{%

```





```

18885         \def\@captype{table}%
18886         \@@makecaption{#1}{#2}{#3}%
18887         \endgraf
18888         \if@captionabove
18889             \vskip\abovecaptionskip
18890         \else
18891             \vskip\belowcaptionskip
18892         \fi
18893     }%
18894     \hss
18895 }%
18896 }%
18897 }%
18898 \renewcommand*{\scr@LT@array}{}%
18899 \let\scr@LT@array=\LT@array
18900 \renewcommand*{\LT@array}{%
18901     \let\scr@caption=\LT@caption
18902     \def\captionabove{\noalign{\global\@captionabovetrue}%
18903         \scr@caption}%
18904     \def\captionbelow{\noalign{\global\@captionabovetrue}%
18905         \scr@caption}%
18906     \if@tablecaptionabove
18907         \let\LT@caption=\captionabove
18908     \else
18909         \let\LT@caption=\captionbelow
18910     \fi
18911     \scr@LT@array
18912 }%
18913 \ClassInfo{\KOMAClassName}{%
18914     longtable captions redefined%
18915 }%
18916 \fi
18917 }
18918
18919 \CloneTOCEntryStyle{tocline}{part}
18920 \TOCEntryStyleStartInitCode{part}{%
18921     \expandafter\renewcommand%
18922     \csname scr@tso@#1@linefill\endcsname{\hfill}%
18923     \expandafter\renewcommand%
18924     \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
18925     \expandafter\renewcommand%
18926     \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
18927         \usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}%
18928     \expandafter\renewcommand\expandafter*%
18929     \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p@}%
18930 }
18931
18932 \CloneTOCEntryStyle{tocline}{chapter}
18933 \TOCEntryStyleStartInitCode{chapter}{%
18934     \expandafter\renewcommand%
18935     \csname scr@tso@#1@linefill\endcsname{%
18936         \if@chapterentrywithdots
18937             {\usekomafont{chapterentrydots}{\TOCLineLeaderFill}}\relax
18938         \else

```



```

18939      \hfill
18940      \fi
18941    }%
18942    \expandafter\renewcommand%
18943    \csname scr@tso@#1@entryformat\endcsname{\usekomafont{chapterentry}}}%
18944    \expandafter\renewcommand%
18945    \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
18946      \usekomafont{chapterentry}{\usekomafont{chapterentrypagenumber}{##1}}}%
18947    \expandafter\renewcommand\expandafter*%
18948    \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p@}%
18949  }
18950
18951  \CloneTOCEntryStyle{tocline}{section}
18952  \TOCEntryStyleStartInitCode{section}{%
18953    \expandafter\renewcommand%
18954    \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
18955  }
18956
18957  \CloneTOCEntryStyle{section}{default}
18958
18959  \DeclareSectionCommand[%
18960    style=chapter,%
18961    level=\z@,%
18962    pagestyle=plain,%
18963    tocstyle=chapter,%
18964    tocindent=\z@,%
18965    tocnumwidth=1.5em%
18966  ]{chapter}
18967  \DeclareSectionCommand[%
18968    style=section,%
18969    level=1,%
18970    indent=\z@,%
18971    beforekip=-3.5ex \@plus -1ex \@minus -.2ex,%
18972    afterskip=2.3ex \@plus .2ex,%
18973    tocstyle=section,%
18974    tocindentfollows=chapter,%
18975    tocindent=1.5em,%
18976    tocnumwidth=2.3em%
18977  ]{section}
18978  \DeclareSectionCommand[%
18979    style=part,%
18980    level=\m@ne,%
18981    pagestyle=plain,%
18982    tocstyle=part,%
18983    toclevel=\m@ne,%
18984    tocindent=\z@,%
18985    tocnumwidth=2em%
18986  ]{part}
18987  \DeclareSectionCommand[%
18988    style=section,%
18989    level=2,%
18990    indent=\z@,%
18991    beforekip=-3.25ex\@plus -1ex \@minus -.2ex,%
18992    afterskip=1.5ex \@plus .2ex,%

```



```

18993   tocstyle=section,%
18994   tocindent=3.8em,%
18995   tocnumwidth=3.2em%
18996 ]{subsection}
18997 \DeclareSectionCommand[%
18998   style=section,%
18999   level=3,%
19000   indent=\z@,%
19001   beforeskip=-3.25ex\@plus -1ex \@minus -.2ex,%
19002   afterskip=1.5ex \@plus .2ex,%
19003   tocstyle=section,%
19004   tocindent=7.0em,%
19005   tocnumwidth=4.1em%
19006 ]{subsubsection}
19007 \DeclareSectionCommand[%
19008   style=section,%
19009   level=4,%
19010   indent=\z@,%
19011   beforeskip=3.25ex \@plus1ex \@minus .2ex,%
19012   afterskip=-1em,%
19013   tocindentfollows=subsubsection,%
19014   tocstyle=section,%
19015   tocindent=10em,%
19016   tocnumwidth=5em%
19017 ]{paragraph}
19018 \DeclareSectionCommand[%
19019   style=section,%
19020   level=5,%
19021   indent=\scr@parindent,%
19022   beforeskip=3.25ex \@plus1ex \@minus .2ex,%
19023   afterskip=-1em,%
19024   tocstyle=section,%
19025   tocindent=12em,%
19026   tocnumwidth=6em%
19027 ]{subparagraph}

```

## 115 File `scrreprt-xetex-bidi.def`

```

19028 \ProvidesFile{scrreprt-xetex-bidi.def}[2022/05/22 v1.2 bidi adaptations for scrreprt class f
19029 \newcommand{\scr@saved@LTRfootnotetext}{}
19030 \newcommand{\scr@saved@RTLfootnotetext}{}
19031 \let\scr@saved@footnotetext\@footnotetext
19032 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
19033 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
19034 \renewcommand{\@footnotetext}[1]{%
19035   \scr@saved@footnotetext{#1}%
19036   \csname FN@mfb@prepare\endcsname
19037 }
19038 \renewcommand{\@LTRfootnotetext}[1]{%
19039   \scr@saved@LTRfootnotetext{#1}%
19040   \csname FN@mfb@prepare\endcsname
19041 }
19042 \renewcommand{\@RTLfootnotetext}[1]{%
19043   \scr@saved@RTLfootnotetext{#1}%

```



```

19044 \csname FN@mf@prepare\endcsname
19045 }
19046 \renewcommand\deffootnote[4][]{%
19047 \expandafter\ifnum\scr@v@is@ge{3.22}\relax
19048 \long\def\@makefntext##1{%
19049 \ExecuteDoHook{footnote/text/begin}%
19050 \raggedfootnote
19051 \if@RTL
19052 \rightskip
19053 \else
19054 \leftskip
19055 \fi
19056 #2
19057 \l@addto@macro\@trivlist{%
19058 \ifnum\@listdepth=\@ne
19059 \if@RTL
19060 \advance\rightmargin #2\relax
19061 \else
19062 \advance\leftmargin #2\relax
19063 \fi
19064 \fi
19065 }%
19066 \parindent #3\noindent
19067 \IfArgIsEmpty{#1}{}{%
19068 \hskip \dimexpr #1-#2\relax
19069 }%
19070 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
19071 \ExecuteDoHook{footnote/text/end}%
19072 }%
19073 \else
19074 \ClassInfo{\KOMAClassName}{%
19075 Using old \string\@makefntext\space due to compatibility
19076 level\MessageBreak
19077 less than 3.22}%
19078 \long\def\@makefntext##1{%
19079 \setlength{\@tempdimc}{#3}%
19080 \def\@tempa{#1}\ifx\@tempa\@empty
19081 \setpar{\@par
19082 \@tempdima = \hsize
19083 \addtolength{\@tempdima}{-#2}%
19084 \if@RTL
19085 \parshape \@ne \z@ \@tempdima
19086 \else
19087 \parshape \@ne #2 \@tempdima
19088 \fi
19089 }%
19090 \else
19091 \addtolength{\@tempdimc}{#2}%
19092 \addtolength{\@tempdimc}{-#1}%
19093 \setpar{\@par
19094 \@tempdima = \hsize
19095 \addtolength{\@tempdima}{-#1}%
19096 \@tempdimb = \hsize
19097 \addtolength{\@tempdimb}{-#2}%

```



```

19098         \if@RTL
19099             \parshape \tw@ \z@ \@tempdima \z@ \@tempdimb
19100         \else
19101             \parshape \tw@ #1 \@tempdima #2 \@tempdimb
19102         \fi
19103     }%
19104 \fi
19105 \par
19106 \parindent\@tempdimc\noindent
19107 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
19108 }%
19109 \fi
19110 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
19111 }
19112 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
19113 \renewcommand*\left@footnoterule{%
19114     \normalsize\ftn@rule@test@values
19115     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
19116     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
19117     {\usekomafont{footnoterule}{%
19118         \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
19119     \kern 2.6\p@}
19120 \renewcommand*\right@footnoterule{%
19121     \normalsize\ftn@rule@test@values
19122     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
19123     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
19124     {\usekomafont{footnoterule}{%
19125         \hbox to \columnwidth{\hskip \dimexpr\columnwidth-\ftn@rule@width\relax \leavevmode\l
19126         \kern 2.6\p@}
19127 \renewcommand*\maketitle[1][1]{%
19128     \expandafter\ifnum \csname scr@v@3.12\endcsname>\scr@compatibility\relax
19129     \else
19130         \def\and{%
19131             \end{tabular}%
19132             \hskip 1em \@plus.17fil%
19133             \begin{tabular}[t]{c}%
19134         }%
19135     \fi
19136 \if@titlepage
19137     \begin{titlepage}
19138         \setcounter{page}{%
19139             #1%
19140         }%
19141     \if@titlepageiscoverpage
19142         \edef\tITLEPAGE@restore{%
19143             \noexpand\endgroup
19144             \noexpand\global\noexpand\@colht\the\@colht
19145             \noexpand\global\noexpand\@colroom\the\@colroom
19146             \noexpand\global\vsizethe\vsizethe
19147             \noexpand\global\noexpand\@titlepageiscoverpagefalse
19148             \noexpand\let\noexpand\tITLEPAGE@restore\noexpand\relax
19149         }%
19150         \begin{group}
19151             \topmargin=\dimexpr \coverpagetopmargin-1in\relax

```



```

19152 \oddsidemargin=\dimexpr \coverpageleftmargin-1in\relax
19153 \evensidemargin=\dimexpr \coverpageleftmargin-1in\relax
19154 \textwidth=\dimexpr
19155 \paperwidth-\coverpageleftmargin-\coverpagerightmargin\relax
19156 \textheight=\dimexpr
19157 \paperheight-\coverpagetopmargin-\coverpagebottommargin\relax
19158 \headheight=0pt
19159 \headsep=0pt
19160 \footskip=\baselineskip
19161 \@colht=\textheight
19162 \@colroom=\textheight
19163 \vsize=\textheight
19164 \columnwidth=\textwidth
19165 \hsize=\columnwidth
19166 \linewidth=\hsize
19167 \else
19168 \let\titlepage@restore\relax
19169 \fi
19170 \let\footnotesize\small
19171 \let\right@footnoterule\relax
19172 \let\left@footnoterule\relax
19173 \let\textwidth@footnoterule\relax
19174 \let\footnote\thanks
19175 \let\LTRfootnote\LTRthanks
19176 \let\RTLfootnote\RTLthanks
19177 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
19178 \let\@oldmakefnmark\@makefnmark
19179 \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
19180 \ifx\@extratitle\@empty
19181 \ifx\@frontispiece\@empty
19182 \else
19183 \if@twoside\mbox{}\next@tpage\fi
19184 \noindent\@frontispiece\next@tdpage
19185 \fi
19186 \else
19187 \noindent\@extratitle
19188 \ifx\@frontispiece\@empty
19189 \else
19190 \next@tpage
19191 \noindent\@frontispiece
19192 \fi
19193 \next@tdpage
19194 \fi
19195 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
19196 \ifx\@titlehead\@empty \else
19197 \begin{minipage}[t]{\textwidth}%
19198 \usekomafont{titlehead}{\@titlehead\par}%
19199 \end{minipage}\par
19200 \fi
19201 \null\vfill
19202 \begin{center}
19203 \ifx\@subject\@empty \else
19204 {\usekomafont{subject}{\@subject\par}}%
19205 \vskip 3em

```



```

19206 \fi
19207 {\usekomafont{title}{\huge \@title\par}}%
19208 \vskip 1em
19209 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}{\@subtitle\par}\fi}%
19210 \vskip 2em
19211 {%
19212 \usekomafont{author}{%
19213 \lineskip 0.75em
19214 \begin{tabular}[t]{c}
19215 \@author
19216 \end{tabular}\par
19217 }%
19218 }%
19219 \vskip 1.5em
19220 {\usekomafont{date}{\@date \par}}%
19221 \vskip \z@ \@plus3fill
19222 {\usekomafont{publishers}{\@publishers \par}}%
19223 \vskip 3em
19224 \end{center}\par
19225 \@thanks\global\let\@thanks\@empty
19226 \vfill\null
19227 \if@twoside
19228 \@tempwatrue
19229 \expandafter\ifnum \@nameuse{scr@v@3.12}>\scr@compatibility\relax
19230 \else
19231 \ifx\@uppertitleback\@empty\ifx\@lowertitleback\@empty
19232 \@tempwafalse
19233 \fi\fi
19234 \fi
19235 \if@tempswa
19236 \next@tpage
19237 \begin{minipage}[t]{\textwidth}
19238 \@uppertitleback
19239 \end{minipage}\par
19240 \vfill
19241 \begin{minipage}[b]{\textwidth}
19242 \@lowertitleback
19243 \end{minipage}\par
19244 \@thanks\global\let\@thanks\@empty
19245 \fi
19246 \else
19247 \ifx\@uppertitleback\@empty\else
19248 \ClassWarning{\KOMAClassName}{%
19249 non empty \string\uppertitleback\space ignored
19250 by \string\maketitle\MessageBreak
19251 in `twoside=false' mode%
19252 }%
19253 \fi
19254 \ifx\@lowertitleback\@empty\else
19255 \ClassWarning{\KOMAClassName}{%
19256 non empty \string\lowertitleback\space ignored
19257 by \string\maketitle\MessageBreak
19258 in `twoside=false' mode%
19259 }%

```



```

19260     \fi
19261   \fi
19262   \ifx\@dedication\@empty
19263   \else
19264     \next@tdpage\null\vfill
19265     {\centering\usekomafont{dedication}{\@dedication \par}}%
19266     \vskip \z@ \@plus3fill
19267     \@thanks\global\let\@thanks\@empty
19268     \cleardoubleemptypage
19269   \fi
19270   \ifx\titlepage@restore\relax\else\clearpage\titlepage@restore\fi
19271   \end{titlepage}
19272 \else
19273   \par
19274   \@tempcnta=%
19275   #1%
19276   \relax\ifnum\@tempcnta=1\else
19277     \ClassWarning{\KOMAClassName}{%
19278       Optional argument of \string\maketitle\space ignored\MessageBreak
19279       in `titlepage=false' mode%
19280     }%
19281   \fi
19282   \ifx\@uppertitleback\@empty\else
19283     \ClassWarning{\KOMAClassName}{%
19284       non empty \string\uppertitleback\space ignored
19285       by \string\maketitle\MessageBreak
19286       in `titlepage=false' mode%
19287     }%
19288   \fi
19289   \ifx\@lowertitleback\@empty\else
19290     \ClassWarning{\KOMAClassName}{%
19291       non empty \string\lowertitleback\space ignored
19292       by \string\maketitle\MessageBreak
19293       in `titlepage=false' mode%
19294     }%
19295   \fi
19296   \begin{group}
19297     \let\titlepage@restore\relax
19298     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
19299     \let\@oldmakefnmark\@makefnmark
19300     \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
19301     \next@tdpage
19302     \if@twocolumn
19303       \ifnum \col@number=\@ne
19304         \ifx\@extratitle\@empty
19305           \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
19306         \else
19307           \@makeextratitle
19308         \fi
19309         \ifx\@frontispiece\@empty
19310           \ifx\@extratitle\@empty\else\next@tdpage\fi
19311         \else
19312           \next@tpage
19313           \@makefrontispiece

```





```

19314         \next@tdpage
19315     \fi
19316     \@maketitle
19317 \else
19318     \ifx\@extratitle\@empty
19319         \ifx\@frontispiece\@empty\else\if@twoside\mbox{}\fi\fi
19320     \else
19321         \twocolumn[\@makeextratitle]%
19322     \fi
19323     \ifx\@frontispiece\@empty
19324         \ifx\@extratitle\@empty\else\next@tdpage\fi
19325     \else
19326         \next@tpage
19327         \twocolumn[\@makefrontispiece]%
19328         \next@tdpage
19329     \fi
19330     \twocolumn[\@maketitle]%
19331 \fi
19332 \else
19333     \ifx\@extratitle\@empty
19334         \ifx\@frontispiece\@empty\else \mbox{}\fi
19335     \else
19336         \@makeextratitle
19337     \fi
19338     \ifx\@frontispiece\@empty
19339         \ifx\@extratitle\@empty\else\next@tdpage\fi
19340     \else
19341         \next@tpage
19342         \@makefrontispiece
19343         \next@tdpage
19344     \fi
19345     \@maketitle
19346 \fi
19347     \ifx\titlepagestyle\@empty\else\thispagestyle{\titlepagestyle}\fi
19348     \@thanks\global\let\@thanks\@empty
19349 \endgroup
19350 \fi
19351 \setcounter{footnote}{0}%
19352 \expandafter\ifnum \cscname scr@v3.12\endcscname>\scr@compatibility\relax
19353     \let\thanks\relax
19354     \let\LTRthanks\relax
19355     \let\RTLthanks\relax
19356     \let\maketitle\relax
19357     \let\@maketitle\relax
19358     \global\let\@thanks\@empty
19359     \global\let\@author\@empty
19360     \global\let\@date\@empty
19361     \global\let\@title\@empty
19362     \global\let\@subtitle\@empty
19363     \global\let\@extratitle\@empty
19364     \global\let\@frontispiece\@empty
19365     \global\let\@titlehead\@empty
19366     \global\let\@subject\@empty
19367     \global\let\@publishers\@empty

```



```

19368 \global\let\@uppertitleback\@empty
19369 \global\let\@lowertitleback\@empty
19370 \global\let\@dedication\@empty
19371 \global\let\author\relax
19372 \global\let\title\relax
19373 \global\let\extratitle\relax
19374 \global\let\titlehead\relax
19375 \global\let\subject\relax
19376 \global\let\publishers\relax
19377 \global\let\uppertitleback\relax
19378 \global\let\lowertitleback\relax
19379 \global\let\dedication\relax
19380 \global\let\date\relax
19381 \fi
19382 \global\let\and\relax
19383 }%
19384 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
19385 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
19386 \renewcommand*\thesection{%
19387 \thechapter\@SepMark%
19388 \@arabic\c@section
19389 }
19390 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
19391 \renewcommand*\thesubsubsection{%
19392 \thesubsection\@SepMark\@arabic\c@subsubsection
19393 }
19394 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
19395 \renewcommand*\thesubparagraph{%
19396 \theparagraph\@SepMark\@arabic\c@subparagraph
19397 }
19398 \expandafter\ifnum\scr@v@is@le{2.97d}%
19399 \renewcommand*\thefigure{\thechapter\@SepMark\@arabic\c@figure}
19400 \fi
19401 \expandafter\ifnum\scr@v@is@le{2.97d}%
19402 \renewcommand*\thetable{\thechapter\@SepMark\@arabic\c@table}
19403 \fi
19404 \renewcommand*\theequation{%
19405 \thechapter\@SepMark%
19406 \@arabic\c@equation
19407 }
19408 \renewenvironment{thebibliography}[1]{%
19409 \if@bib@break@
19410 \bib@beginhook
19411 \else
19412 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
19413 \setchapterpreamble{\bibpreamble}%
19414 \fi\fi
19415 \bib@heading
19416 \bib@beginhook
19417 \bib@before@hook
19418 \fi
19419 \renewcommand{\BreakBibliography}[1]{%
19420 \@bib@break
19421 \end{thebibliography}%

```



```

19422 \begingroup ##1\endgroup
19423 \begin{thebibliography}{#1}
19424 }%
19425 \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@LTRbibitems\@RTLtrue\else\fi\fi
19426 \bidi@thebibliography@font@hook%
19427 \list{%
19428 \@biblabel{\@arabic\c@enumiv}%
19429 }{%
19430 \settowidth\labelwidth{\@biblabel{#1}}%
19431 \leftmargin\labelwidth
19432 \advance\leftmargin\labelsep
19433 \@openbib@code
19434 \if@bib@break@
19435 \edef\@tempa{%
19436 \noexpand\usecounter{enumiv}%
19437 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
19438 }\@tempa
19439 \no@bib@break
19440 \else
19441 \usecounter{enumiv}%
19442 \fi
19443 \let\p@enumiv\@empty
19444 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
19445 }%
19446 \sloppy\clubpenalty4000 \widowpenalty4000
19447 \sfcode`\.=\@m
19448 }%
19449 \if@bib@break@
19450 \def\@noitemerr{%
19451 \@latex@warning{%
19452 \string\BreakBibliography\space at begin of `thebibliography'
19453 environment\MessageBreak
19454 or following \string\BreakBibliography}%
19455 }%
19456 \else
19457 \def\@noitemerr{%
19458 \@latex@warning{%
19459 Empty `thebibliography' environment or
19460 \string\BreakBibliography\MessageBreak
19461 before end of `thebibliography' environment}%
19462 }%
19463 \fi
19464 \endlist
19465 \if@bib@break@
19466 \else
19467 \bib@after@hook
19468 \let\bib@before@hook\@empty
19469 \let\bib@after@hook\@empty
19470 \fi
19471 \bib@endhook
19472 }
19473 \renewcommand*\raggeddictum{\ifRTL\raggedright\else\raggedleft\fi}
19474 \renewcommand*\raggeddictumtext{\ifRTL\raggedleft\else\raggedright\fi}
19475 \renewcommand*\raggeddictumauthor{\ifRTL\raggedright\else\raggedleft\fi}

```



```

19476 \renewcommand\marginline[1]{%
19477   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright
19478 }
19479 \renewcommand{\@@makecaption}[3]{%
19480   \cap@margin
19481   \begingroup
19482     \ifonelinecaptions
19483       \def\stepcounter##1{\advance\value{##1}\@ne}%
19484       \let\refstepcounter\stepcounter
19485       \let\label\@gobble
19486       \let\@footnotetext=\@gobble
19487       \let\@LTRfootnotetext=\@gobble
19488       \let\@RTLfootnotetext=\@gobble
19489       \let\hypertarget\@gobbletwo
19490       \edef\xnewline{%
19491         \unexpanded{\ClassInfo{\KOMAClassName}{%
19492           Workaround for not recommended usage of \string\\ or\MessageBreak
19493           \string\newline in caption text
19494         }}%
19495         \hspace*{\linewidth}\hspace{1sp}%
19496       }%
19497       \unexpanded\expandafter{\xnewline}%
19498     }%
19499     \edef\xcentercr{%
19500       \unexpanded{\ClassInfo{\KOMAClassName}{%
19501         Workaround for not recommended usage of \string\\ or\MessageBreak
19502         \string\newline in caption text
19503       }}%
19504       \hspace*{\linewidth}\hspace{1sp}%
19505     }%
19506     \unexpanded\expandafter{\xcentercr}%
19507   }%
19508   \settowidth{\@tempdima}{\scr@makesinglelinecaption{#1}{#2}{#3}}%
19509   \ifdim\@tempdima>\cap@width
19510     \aftergroup\scr@makemultilinecaption
19511   \else
19512     \aftergroup\scr@makesinglelinecaption
19513   \fi
19514   \else
19515     \aftergroup\scr@makemultilinecaption
19516   \fi
19517 \endgroup
19518 {#1}{#2}{#3}%
19519 }
19520 \renewcommand{\scr@makesinglelinecaption}[3]{%
19521   {%
19522     \usefontofkomafont{caption}{%
19523       \hb@xt@ \hsizex{
19524         \cap@left
19525         \if@RTL
19526           \beginR
19527         \fi
19528         \scr@makesinglelinecaption{#1}{#2}{#3}%
19529         \if@RTL

```



```

19530         \endR
19531         \fi
19532         \cap@right
19533     }\par\kern\dp\strutbox%
19534 }%
19535 }\kern-\dp\strutbox
19536 }
19537 \renewcommand{\@makecaption}[2]{%
19538     \if@captionabove
19539         \vskip\belowcaptionskip
19540     \else
19541         \vskip\abovecaptionskip
19542     \fi
19543     \@makecaption\@firstofone{#1}{#2}%
19544     \if@captionabove
19545         \vskip\abovecaptionskip
19546     \else
19547         \vskip\belowcaptionskip
19548     \fi
19549 }
19550 \bidi@AfterFile{longtable-xetex-bidi.def}{%
19551     \if@komalongtable
19552         \renewcommand{\LT@makecaption}[3]{%
19553             \noalign{%
19554                 \if@captionabove
19555                     \vskip\belowcaptionskip
19556                 \else
19557                     \vskip\abovecaptionskip
19558                 \fi
19559             }%
19560             \LT@mcol\LT@cols c{%
19561                 \hbox to\z@{\hss\parbox[t]\linewidth{%
19562                     \def\@captype{table}%
19563                     \@makecaption{#1}{#2}{#3}%
19564                     \endgraf
19565                     \if@captionabove
19566                         \vskip\abovecaptionskip
19567                     \else
19568                         \vskip\belowcaptionskip
19569                     \fi
19570                 }}%
19571             \hss
19572         }%
19573     }%
19574 }%
19575 \renewcommand*{\scr@LT@array}{}%
19576 \let\scr@LT@array=\LT@array
19577 \renewcommand*{\LT@array}{%
19578     \let\scr@caption=\LT@caption
19579     \def\captionabove{\noalign{\global\@captionabovetrue}%
19580         \scr@caption}%
19581     \def\captionbelow{\noalign{\global\@captionabovetrue}%
19582         \scr@caption}%
19583     \if@tablecaptionabove

```



```

19584         \let\LT@caption=\captionabove
19585     \else
19586         \let\LT@caption=\captionbelow
19587     \fi
19588     \scr@LT@array
19589 }%
19590 \ClassInfo{\KOMAClassName}{%
19591     longtable captions redefined%
19592 }%
19593 \fi
19594 }
19595
19596 \CloneTOCEntryStyle{tocline}{part}
19597 \TOCEntryStyleStartInitCode{part}{%
19598     \expandafter\renewcommand%
19599     \csname scr@tso@#1@linefill\endcsname{\hfill}%
19600     \expandafter\renewcommand%
19601     \csname scr@tso@#1@entryformat\endcsname[1]{\usekomafont{partentry}{##1}}%
19602     \expandafter\renewcommand%
19603     \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
19604         \usekomafont{partentry}{\usekomafont{partentrypagenumber}{##1}}}%
19605     \expandafter\renewcommand\expandafter*%
19606     \csname scr@tso@#1@beforeskip\endcsname{2.25em \@plus\p@}%
19607 }
19608
19609 \CloneTOCEntryStyle{tocline}{chapter}
19610 \TOCEntryStyleStartInitCode{chapter}{%
19611     \expandafter\renewcommand%
19612     \csname scr@tso@#1@linefill\endcsname{%
19613         \if@chapterentrywithdots
19614             {\usekomafont{chapterentrydots}{\TOCLineLeaderFill}}\relax
19615         \else
19616             \hfill
19617         \fi
19618     }%
19619     \expandafter\renewcommand%
19620     \csname scr@tso@#1@entryformat\endcsname{\usekomafont{chapterentry}}%
19621     \expandafter\renewcommand%
19622     \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
19623         \usekomafont{chapterentry}{\usekomafont{chapterentrypagenumber}{##1}}}%
19624     \expandafter\renewcommand\expandafter*%
19625     \csname scr@tso@#1@beforeskip\endcsname{1.0em \@plus\p@}%
19626 }
19627
19628 \CloneTOCEntryStyle{tocline}{section}
19629 \TOCEntryStyleStartInitCode{section}{%
19630     \expandafter\renewcommand%
19631     \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
19632 }
19633
19634 \CloneTOCEntryStyle{section}{default}
19635
19636 \DeclareSectionCommand[%
19637     style=chapter,%

```



```

19638 level=\z@,%
19639 pagestyle=plain,%
19640 tocstyle=chapter,%
19641 tocindent=\z@,%
19642 tocnumwidth=1.5em%
19643 ]{chapter}
19644 \DeclareSectionCommand[%
19645 style=section,%
19646 level=1,%
19647 indent=\z@,%
19648 beforekip=-3.5ex \@plus -1ex \@minus -.2ex,%
19649 afterskip=2.3ex \@plus .2ex,%
19650 tocstyle=section,%
19651 tocindentfollows=chapter,%
19652 tocindent=1.5em,%
19653 tocnumwidth=2.3em%
19654 ]{section}
19655 \DeclareSectionCommand[%
19656 style=part,%
19657 level=\m@ne,%
19658 pagestyle=plain,%
19659 tocstyle=part,%
19660 toplevel=\m@ne,%
19661 tocindent=\z@,%
19662 tocnumwidth=2em%
19663 ]{part}
19664 \DeclareSectionCommand[%
19665 style=section,%
19666 level=2,%
19667 indent=\z@,%
19668 beforekip=-3.25ex \@plus -1ex \@minus -.2ex,%
19669 afterskip=1.5ex \@plus .2ex,%
19670 tocstyle=section,%
19671 tocindent=3.8em,%
19672 tocnumwidth=3.2em%
19673 ]{subsection}
19674 \DeclareSectionCommand[%
19675 style=section,%
19676 level=3,%
19677 indent=\z@,%
19678 beforekip=-3.25ex \@plus -1ex \@minus -.2ex,%
19679 afterskip=1.5ex \@plus .2ex,%
19680 tocstyle=section,%
19681 tocindent=7.0em,%
19682 tocnumwidth=4.1em%
19683 ]{subsubsection}
19684 \DeclareSectionCommand[%
19685 style=section,%
19686 level=4,%
19687 indent=\z@,%
19688 beforekip=3.25ex \@plus 1ex \@minus .2ex,%
19689 afterskip=-1em,%
19690 tocindentfollows=subsubsection,%
19691 tocstyle=section,%

```



```

19692   tocindent=10em,%
19693   tocnumwidth=5em%
19694 ]{paragraph}
19695 \DeclareSectionCommand[%
19696   style=section,%
19697   level=5,%
19698   indent=\scr@parindent,%
19699   beforeskip=3.25ex \@plus1ex \@minus .2ex,%
19700   afterskip=-1em,%
19701   tocstyle=section,%
19702   tocindent=12em,%
19703   tocnumwidth=6em%
19704 ]{subparagraph}

```

## 116 File sidecap-xetex-bidi.def

```

19705 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package for XeTeX]
19706 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
19707   \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2} {\#2}\hspace{\sidecaptionsep}{#1}\else%
19708   \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1} {\#1}\hspace{\sidecaptionsep}{#2}\fi}
19709 \renewcommand*{\SC@justify@caption}{\if@RTL%
19710   \isSC@ODD{\RaggedLeft}{\RaggedRight}\else%
19711   \isSC@ODD{\RaggedRight}{\RaggedLeft}\fi}

```

## 117 File soul-xetex-bidi.def

```

19712 \ProvidesFile{soul-xetex-bidi.def}[2015/10/16 v0.1 bidi adaptations for soul package for XeTeX]
19713 \long\def\SOUL@start#1{%
19714   \let\bidir@RTL@everypar\@empty
19715   \let\<\SOUL@lowerthan
19716   \let\>\empty
19717   \def\soulomit{\noexpand\soulomit}%
19718   \gdef\SOUL@eventuallyexhyphen##1{%
19719     \let\SOUL@soeventuallyskip\relax
19720     \SOUL@spaceskip=\fontdimen\tw@\font\@plus\fontdimen\thr@@\font
19721       \@minus\fontdimen4\font
19722     \SOUL@ignorespacesfalse
19723     \leavevmode
19724     \SOUL@preamble
19725     \SOUL@lasttoken={}%
19726     \SOUL@word={}%
19727     \SOUL@minus\z@
19728     \SOUL@comma\z@
19729     \SOUL@apo\z@
19730     \SOUL@grave\z@
19731     \SOUL@do{#1}%
19732     \SOUL@postamble
19733 }}
19734 \def\SOUL@ulunderline#1{%
19735   \setbox\z@\hbox{#1}%
19736   \dimen@=\wd\z@
19737   \dimen@i=\SOUL@uloverlap
19738   \advance\dimen@2\dimen@i
19739   \if@RTL

```





```

19740 \unhcopy\z@
19741 \llap{%
19742     \null
19743     \kern-\dimen@i
19744     \SOUL@ulcolor{\SOUL@ulleaders\hskip\dimen@}%
19745 }%
19746 \else
19747 \rlap{%
19748     \null
19749     \kern-\dimen@i
19750     \SOUL@ulcolor{\SOUL@ulleaders\hskip\dimen@}%
19751 }%
19752 \unhcopy\z@
19753 \fi
19754 }}
19755 \def\bidi@SOUL@ulleaders{%
19756     \leaders\hb@xt@0.1pt{\hss\SOUL@ulcolor{\vrule\@depth\SOUL@uldp\@height\SOUL@ulht}\hss}\r
19757 }
19758 \def\SOUL@uleverySPACE#1{%
19759     \if@RTL
19760     #1%
19761     \bidi@SOUL@ulleaders
19762     \hskip\spaceskip
19763     \else
19764     \SOUL@ulcolor{%
19765         #1%
19766         \SOUL@ulleaders
19767         \hskip\spaceskip
19768     }%
19769     \fi
19770     \null
19771 }

```

## 118 File stabular-xetex-bidi.def

```

19772 \ProvidesFile{stabular-xetex-bidi.def}[2015/11/07 v0.3 bidi adaptations for stabular package]
19773 \def\@stabular{%
19774     \leavevmode \bgroup \if@RTLtab\beginR \fi
19775     \let\@acol\@tabacol
19776     \let\@classz\@tabclassz
19777     \let\@classiv\@tabclassiv \let\\\@tabularcr\@stabarray}
19778 \def\endstabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
19779     \egroup \if@RTLtab\endR\fi\egroup}
19780 \expandafter \let \csname endstabular*\endcsname = \endstabular
19781 \def\@sarray[#1]#2{%
19782     \bgroup
19783     \setbox\@arstrutbox\hbox{%
19784         \vrule \@height\arraystretch\ht\strutbox
19785         \@depth\arraystretch \dp\strutbox
19786         \@width\z@}%
19787     \@mkpream{#2}%
19788     \edef\@preamble{%
19789         \ialign \noexpand\@halignto
19790         \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%

```



```

19791 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
19792 \let\tabularnewline\\%
19793 \let\@sharp##%
19794 \set@typeset@protect
19795 \lineskip\z@skip\baselineskip\z@skip
19796 \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if #1t\top \else \vbox \fi\bgroup\fi
19797 \@preamble}

```

## 119 File subfigure-xetex-bidi.def

```

19798 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure packa
19799 \AtBeginDocument{%
19800 \let\p@subfigure=\thefigure
19801 \let\p@subtable=\thetable%
19802 }

```

## 120 File tabs-xetex-bidi.def

```

19803 \ProvidesFile{tabs-xetex-bidi.def}[2015/11/07 v0.3 bidi adaptations for tabs package for X
19804 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup}
19805
19806 \expandafter\let\csname endtabular*\endcsname=\endtabular
19807
19808 \def\endarray{\ifvmode\csname crcr\endcsname % just do \crr if \ given
19809 \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
19810 \fi\egroup\if@RTLtab\egroup\endR\egroup\fi\@unrecurse\egroup}
19811
19812 \def\@array[#1]#2{% remember global variables to allow recursion:
19813 \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
19814 \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%
19815 \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
19816 \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
19817 \else \let\@tarlinesep\tablinesep \fi
19818 \divide\@tarlinesep\tw@ % half sep is applied to height & depth
19819 \let\@seesize\relax \let\@rememsize\relax \mkpream{#2}%
19820 \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
19821 \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
19822 \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@size
19823 \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
19824 \fi \setbox\@arstrutbox\hbox{% set up smaller strut
19825 \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
19826 \let\protect\noexpand
19827 \edef\@preamble{\ialign \noexpand\@halignto \bgroup
19828 \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
19829 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
19830 \if#1t\top \else \if#1b\vbox \else \vcenter \fi\fi
19831 \bgroup \let\par\@empty
19832 \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
19833 \advance\extrarulesep.5\arrayrulewidth
19834 \let\@sharp##\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
19835 \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if#1t\top \else \vbox \fi\bgroup\fi
19836 \@preamble}

```



## 121 File tabularx-xetex-bidi.def

```

19837 \ProvidesFile{tabularx-xetex-bidi.def}[2014/11/08 v0.1 bidi adaptations for tabularx package]
19838 \def\TX@endtabularx{%
19839   \expandafter\expandafter\expandafter
19840     \TX@find@endtabularxa\csname end\TX@\endcsname
19841     \endtabularx\TX@\endtabularx\TX@find@endtabularxa
19842   \expandafter\TX@newcol\expandafter{\tabularxcolumn{\TX@col@width}}%
19843   \let\verb\TX@verb
19844   \def\@elt##1{\global\value{##1}\the\value{##1}\relax}%
19845   \edef\TX@ckpt{\cl@ckpt}%
19846   \let\@elt\relax
19847   \TX@old@table\maxdimen
19848   \TX@col@width\TX@target
19849   \global\TX@cols\@ne
19850   \TX@typeout@
19851     {\@spaces Table Width\@spaces Column Width\@spaces X Columns}%
19852   \TX@trial{\def\NC@rewrite@X{%
19853     \global\advance\TX@cols\@ne\NC@find p{\TX@col@width}}}%
19854   \loop
19855     \TX@arith
19856     \ifTX@
19857     \TX@trial{%
19858   \repeat
19859   {\let\@footnotetext\TX@ftntext\let\@xfootnotenext\TX@xftntext
19860    \let\@LTRfootnotetext\TX@LTRftntext\let\@xLTRfootnotenext\TX@xLTRftntext
19861    \let\@RTLfootnotetext\TX@RTLftntext\let\@xRTLfootnotenext\TX@xRTLftntext
19862    \csname tabular*\expandafter\endcsname\expandafter\TX@target
19863    \the\toks@
19864    \csname endtabular*\endcsname}%
19865   \global\TX@ftn\expandafter{\expandafter}\the\TX@ftn
19866   \ifnum0=\fi}%
19867   \expandafter\expandafter\expandafter
19868   \TX@find@endtabularxbb
19869   \expandafter\end\expandafter{\TX@}%
19870   \endtabularx\TX@\endtabularx\TX@find@endtabularxb
19871 }
19872
19873 \def\TX@trial#1{%
19874   \setbox\@tempboxa\hbox{%
19875     #1\relax
19876   \let\@footnotetext\TX@trial@ftn
19877   \let\@LTRfootnotetext\TX@trial@ftn
19878   \let\@RTLfootnotetext\TX@trial@ftn
19879   \let\TX@vwarn\@empty
19880   \expandafter\let\expandafter\tabularx\csname tabular*\endcsname
19881   \expandafter\let\expandafter\endtabularx\csname endtabular*\endcsname
19882   \def\write{\begingroup
19883     \def\let{\afterassignment\endgroup\toks@}%
19884     \afterassignment\let\count@}%
19885     \hbadness\@M
19886     \hfuzz\maxdimen
19887     \let\hbadness\@tempcnta
19888     \let\hfuzz\@tempdima

```



```

19889 \expandafter\tabular\the\toks@
19890 \endtabular}%
19891 \TX@ckpt
19892 \TX@typeout@{\@spaces
19893 \expandafter\TX@align
19894 \the\wd\@tempboxa\space\space\space\space\space\@@
19895 \expandafter\TX@align
19896 \the\TX@colwidth\space\space\space\space\space\@@
19897 \@spaces\the\TX@cols}}
19898
19899 \long\def\TX@LTRftntext#1{%
19900 \edef\@tempa{\the\TX@ftn\noexpand\LTRfootnotetext
19901 [\the\csname c@\@mpfn\endcsname]}%
19902 \global\TX@ftn\expandafter{\@tempa{#1}}}%
19903 \long\def\TX@xLTRftntext[#1]#2{%
19904 \global\TX@ftn\expandafter{\the\TX@ftn\LTRfootnotetext[#1]{#2}}}
19905
19906 \long\def\TX@RTLftntext#1{%
19907 \edef\@tempa{\the\TX@ftn\noexpand\RTLfootnotetext
19908 [\the\csname c@\@mpfn\endcsname]}%
19909 \global\TX@ftn\expandafter{\@tempa{#1}}}%
19910 \long\def\TX@xRTLftntext[#1]#2{%
19911 \global\TX@ftn\expandafter{\the\TX@ftn\RTLfootnotetext[#1]{#2}}}

```

## 122 File tabulary-xetex-bidi.def

```

19912 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package]
19913 \def\@testpach{\@chclass
19914 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
19915 \ifnum \@lastchclass=7 5 \else
19916 \ifnum \@lastchclass=8 \tw@ \else
19917 \ifnum \@lastchclass=9 \thr@@
19918 \else \z@
19919 \ifnum \@lastchclass = 10 \else
19920 \edef\@nextchar{\expandafter\string\@nextchar}%
19921 \@chnum
19922 \if \@nextchar c\z@ \else
19923 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
19924 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
19925 \if \@nextchar C7 \else
19926 \if \@nextchar L8 \else
19927 \if \@nextchar R9 \else
19928 \if \@nextchar J10 \else
19929 \z@ \@chclass
19930 \if \@nextchar |\@ne \else
19931 \if \@nextchar !6 \else
19932 \if \@nextchar @7 \else
19933 \if \@nextchar <8 \else
19934 \if \@nextchar >9 \else
19935 10
19936 \@chnum
19937 \if \@nextchar m\thr@@\else
19938 \if \@nextchar p4 \else
19939 \if \@nextchar b5 \else

```



```

19940 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi
19941 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}

```

## 123 File tc-xetex-bidi.def

```

19942 \ProvidesFile{tc-xetex-bidi.def}[2014/07/08 v0.1 bidi adaptations for Clipping driver for Xe
19943 \def\@cliptoboxdim#1{%
19944   \setbox#1=\hbox{%
19945     \Gin@defaultbp\WIDTH{\wd#1}%
19946     \Gin@defaultbp\DEPTH{\dp#1}%
19947     \@tempdima\ht#1%
19948     \advance\@tempdima\dp#1%
19949     \Gin@defaultbp\TOTALHEIGHT{\@tempdima}%
19950     \beginL\special{pdf:bcontent }%
19951     \special{%
19952       pdf:literal direct
19953       0 -\DEPTH\space \WIDTH\space \TOTALHEIGHT\space re
19954     }%
19955     \special{pdf:literal direct W }%
19956     \special{pdf:literal direct n }%
19957     \if@RTL\beginR\fi\box#1\if@RTL\endR\fi%
19958     \special{pdf:econtent }\endL%
19959   }%
19960 }

```

## 124 File tcolorbox-xetex-bidi.def

```

19961 \ProvidesFile{tcolorbox-xetex-bidi.def}[2018/11/11 v0.2 bidi adaptations for tcolorbox packa
19962 \let\endtcbox@lrbox=\endminipage
19963 \let\endtcbox@savebox=\endtcbox@lrbox
19964
19965 \bidi@patchcmd{\tcb@vbox}{%
19966   \let\@footnotetext\@mpfootnotetext%
19967 }{%
19968   \let\@footnotetext\@mpfootnotetext%
19969   \let\@LTRfootnotetext\@mpLTRfootnotetext%
19970   \let\@RTLfootnotetext\@mpRTLfootnotetext%
19971 }{}{}
19972
19973 \bidi@patchcmd{\endtcbox@vbox}{%
19974   \footnoterule%
19975 }{%
19976   \bidi@mpfootnoterule%
19977 }{}{}
19978 \bidi@apptocmd\tcb@icolorbox{%
19979   \@bidi@list@minipage@parboxfalse
19980 }{}{}

```

## 125 File titlesec-xetex-bidi.def

```

19981 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package
19982 \renewcommand\filright{%
19983   \gdef\ttl@filleft##1{\hskip##1}%
19984   \gdef\ttl@filright##1{\hfill}%

```



```

19985 \let\\\@centercr
19986 \advance\rightskip\z@ \@plus 1fil
19987 \parfillskip\z@}
19988 \def\ttlh@hang#1#2#3#4#5#6#7#8{%
19989 \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
19990 \setlength\leftskip{#6}%
19991 \setlength\rightskip{#7}%
19992 \interlinepenalty\@M
19993 \ttl@change@centercr
19994 \ttl@beginlongest
19995 #1{\ifhmode\ttl@hmode@error\fi
19996 \ttl@glcmds
19997 \parindent\z@
19998 \leavevmode
19999 \begingroup
20000 \ifttl@label
20001 \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
20002 \if@RTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
20003 \llap{\box\z@}%
20004 \fi
20005 #4{#8}%
20006 \kern\z@\strut\@par
20007 \endgroup
20008 \nobreak\ttl@midlongest#5\@par}%
20009 \ttl@endlongest}

```

## 126 File titletoc-xetex-bidi.def

```

20010 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package]
20011 \renewcommand\filright{%
20012 \gdef\ttl@filleft##1{\hskip##1}%
20013 \gdef\ttl@filright##1{\hfill}%
20014 \let\\\@centercr
20015 \advance\rightskip\z@ \@plus 1fil
20016 \parfillskip\z@}
20017 \renewcommand\contentspush[1]{%
20018 \sbox\z@{#1}%
20019 \xdef\ttl@b{\advance\if@RTL\rightskip\else\leftskip\fi\the\wd\z@}%
20020 \aftergroup\ttl@b
20021 \leavevmode\llap{\box\z@}}
20022 \def\ttl@outnoblock#1#2#3{%
20023 \begingroup
20024 \ifnum\ttl@b>\ttl@a
20025 \nobreak
20026 \else\ifnum\ttl@b<\ttl@a
20027 \addpenalty{\@secpenalty}%
20028 \else
20029 \addpenalty{\z@}%
20030 \fi\fi
20031 \ttl@contentsstretch
20032 \nobreak
20033 \ifcase#1\relax\else\interlinepenalty\@M\fi
20034 \parindent\z@
20035 \ifx\@nil#2%

```



```

20036 \PackageError{titletoc}{Unimplemented}%
20037 {The optional argument is currently mandatory}%
20038 \else
20039 \if@RTL\setlength\rightskip{#2}\else
20040 \setlength\leftskip{#2}\fi%
20041 \fi
20042 \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
20043 \let\contentsmargin\ttl@margin
20044 \def\ttl@makeline##1{##1}%
20045 #3%
20046 \addtolength{\parfillskip}{-\ttl@corr}%
20047 \if@RTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
20048 \let\ttl@leaders\leaders}
20049 \renewcommand\ttl@margin[2][\z@]{%
20050 \def\ttl@corr{#1}%
20051 \advance\if@RTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
20052 \advance\if@RTL\leftskip\else\rightskip\fi#2\relax
20053 \def\@pnumwidth{#2}}
20054 \let\ttl@savel@part\l@part
20055 \def\l@part{\ttl@lselect{part}}
20056
20057 \let\ttl@savel@chapter\l@chapter
20058 \def\l@chapter{\ttl@lselect{chapter}}

```

## 127 File tocbibbind-xetex-bidi.def

```

20059 \ProvidesFile{tocbibbind-xetex-bidi.def}[2017/06/09 v0.4 bidi adaptations for tocbibbind packa
20060 \if@dotocbib
20061 \if@packageloaded{natbib}{\% natbib not loaded
20062 \renewcommand{\bibsection}{\tcb@cb@bchapsec}
20063 \renewenvironment{thebibliography}[1]{%
20064 \bibsection
20065 \begin{thebibitemlist}{#1}{\end{thebibitemlist}}}
20066 \renewenvironment{thebibitemlist}[1]{
20067 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
20068 \bidi@thebibliography@font@hook%
20069 \list{\@biblabel{\@arabic{c@enumiv}}}%
20070 {\settowidth\labelwidth{\@biblabel{#1}}%
20071 \leftmargin\labelwidth
20072 \advance\leftmargin\labelsep
20073 \@openbib@code
20074 \usecounter{enumiv}%
20075 \let\p@enumiv\@empty
20076 \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
20077 \sloppy
20078 \clubpenalty4000
20079 \@clubpenalty \clubpenalty
20080 \widowpenalty4000%
20081 \sfcode`. \.\@m}
20082 {\def\@noitemerr
20083 {\@latex@warning{Empty `thebibliography' environment}}}%
20084 \endlist}
20085
20086 \if@packagewith{chapterbib}{sectionbib}%

```



```

20087     {\renewcommand{\sectionbib}[2]{}}%
20088     {}
20089
20090 \fi
20091 \if@inltxdoc\else
20092   \renewenvironment{theindex}%
20093   {\if@twocolumn
20094     \@restonecolfalse
20095   \else
20096     \@restonecoltrue
20097   \fi
20098   \if@bibchapter
20099     \if@donumindex
20100       \refstepcounter{chapter}
20101       \twocolumn[\vspace*{2\topskip}%
20102         \@makechapterhead{\indexname}]]%
20103       \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
20104       \chaptermark{\indexname}
20105     \else
20106       \if@dotocind
20107         \twocolumn[\vspace*{2\topskip}%
20108           \@makeschapterhead{\indexname}]]%
20109         \prw@mkboth{\indexname}
20110         \addcontentsline{toc}{chapter}{\indexname}
20111       \else
20112         \twocolumn[\vspace*{2\topskip}%
20113           \@makeschapterhead{\indexname}]]%
20114         \prw@mkboth{\indexname}
20115       \fi
20116     \fi
20117   \else
20118     \if@donumindex
20119       \twocolumn[\vspace*{-1.5\topskip}%
20120         \@nameuse{\@tocextra}{\indexname}]]%
20121       \csname \@tocextra mark\endcsname{\indexname}
20122     \else
20123       \if@dotocind
20124         \twocolumn[\vspace*{-1.5\topskip}%
20125           \toc@headstar{\@tocextra}{\indexname}]]%
20126         \prw@mkboth{\indexname}
20127         \addcontentsline{toc}{\@tocextra}{\indexname}
20128       \else
20129         \twocolumn[\vspace*{-1.5\topskip}%
20130           \toc@headstar{\@tocextra}{\indexname}]]%
20131         \prw@mkboth{\indexname}
20132       \fi
20133     \fi
20134   \fi
20135   \thispagestyle{plain}\parindent\z@
20136   \parskip\z@ \@plus .3\p@\relax
20137   \let\item\idxitem}
20138   {\if@restonecol\onecolumn\else\clearpage\fi}
20139 \fi

```





## 128 File tocloft-xetex-bidi.def

```

20140 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package f
20141 \let\cftdot\@SepMark
20142 \if@cfthaspart
20143 \renewcommand*{\l@part}[2]{
20144   \cftdopartfalse
20145   \ifnum \c@tocdepth >-2\relax
20146     \if@cfthaschapter
20147       \cftdoparttrue
20148     \fi
20149     \ifnum \c@tocdepth >\m@ne
20150       \if@cfthaschapter\else
20151         \cftdoparttrue
20152       \fi
20153     \fi
20154   \fi
20155   \if@cftdopart
20156     \if@cfthaschapter
20157       \addpenalty{-\@highpenalty}
20158     \else
20159       \addpenalty\@secpenalty
20160     \fi
20161     \addvspace{\cftbeforepartskip}
20162     \begingroup
20163       {\if@RTL\rightskip\else\leftskip\fi \cftpartindent\relax
20164        \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
20165        \parfillskip -\if@RTL\leftskip\else\rightskip\fi
20166        \parindent \cftpartindent\relax\@afterindenttrue
20167        \interlinepenalty\@M
20168        \leavevmode
20169        \@tempdima \cftpartnumwidth\relax
20170        \let\@cftbsnum \cftpartpresnum
20171        \let\@cftasnum \cftpartaftersnum
20172        \let\@cftasnumb \cftpartaftersnumb
20173        \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\ri
20174        {\cftpartfont \cftpartpresnum #1}
20175        \cftpartfillnum{#2}}
20176     \nobreak
20177     \if@cfthaschapter
20178       \global\@nobreaktrue
20179       \everypar{\global\@nobreakfalse\everypar{}}
20180     \else
20181       \if@compatibility
20182         \global\@nobreaktrue
20183         \everypar{\global\@nobreakfalse\everypar{}}
20184       \fi
20185     \fi
20186   \endgroup
20187 \fi}
20188 \fi
20189 \if@cfthaschapter
20190 \renewcommand*{\l@chapter}[2]{
20191   \ifnum \c@tocdepth >\m@ne

```



```

20192 \addpenalty{-\@highpenalty}
20193 \vskip \cftbeforechapskip
20194 {\if@RTL\righskip\else\leftskip\fi \cftchapindent\relax
20195 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
20196 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
20197 \parindent \cftchapindent\relax\@afterindenttrue
20198 \interlinepenalty\@M
20199 \leavevmode
20200 \@tempdima \cftchapnumwidth\relax
20201 \let\@cftbsnum \cftchappresnum
20202 \let\@cftasnum \cftchapaftersnum
20203 \let\@cftasnumb \cftchapaftersnumb
20204 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20205 {\cftchapfont #1}\nobreak
20206 \cftchapfillnum{#2}}
20207 \fi}
20208 \fi
20209 \renewcommand*{\l@section}[2]{%
20210 \ifnum \c@tocdepth >\z@
20211 \if@cfthaschapter
20212 \vskip \cftbeforesecskip
20213 \else
20214 \addpenalty\@secpenalty
20215 \addvspace{\cftbeforesecskip}
20216 \fi
20217 {\if@RTL\righskip\else\leftskip\fi \cftsecindent\relax
20218 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
20219 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
20220 \parindent \cftsecindent\relax\@afterindenttrue
20221 \interlinepenalty\@M
20222 \leavevmode
20223 \@tempdima \cftsecnumwidth\relax
20224 \let\@cftbsnum \cftsecpresnum
20225 \let\@cftasnum \cftsecaftersnum
20226 \let\@cftasnumb \cftsecaftersnumb
20227 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20228 {\cftsecfont #1}\nobreak
20229 \cftsecfillnum{#2}}
20230 \fi}
20231 \renewcommand*{\l@subsection}[2]{%
20232 \ifnum \c@tocdepth >\@ne
20233 \vskip \cftbeforesubsecskip
20234 {\if@RTL\righskip\else\leftskip\fi \cftsubsecindent\relax
20235 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
20236 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
20237 \parindent \cftsubsecindent\relax\@afterindenttrue
20238 \interlinepenalty\@M
20239 \leavevmode
20240 \@tempdima \cftsubsecnumwidth\relax
20241 \let\@cftbsnum \cftsubsecpresnum
20242 \let\@cftasnum \cftsubsecaftersnum
20243 \let\@cftasnumb \cftsubsecaftersnumb
20244 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20245 {\cftsubsecfont #1}\nobreak

```



```

20246     \cftsubsecfillnum{#2}}
20247 \fi}
20248 \renewcommand*{\l@subsubsection}[2]{%
20249     \ifnum \c@tocdepth >\tw@
20250         \vskip \cftbeforesubsubsecskip
20251         {\if@RTL\righskip\else\leftskip\fi \cftsubsubsecindent\relax
20252         \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20253         \parfillskip -\if@RTL\leftskip\else\righskip\fi
20254         \parindent \cftsubsubsecindent\relax\@afterindenttrue
20255         \interlinepenalty\@M
20256         \leavevmode
20257         \@tempdima \cftsubsubsecnumwidth\relax
20258         \let\@cftbsnum \cftsubsubsecpresnum
20259         \let\@cftasnum \cftsubsubsecaftersnum
20260         \let\@cftasnumb \cftsubsubsecaftersnumb
20261         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20262         {\cftsubsubsecfont #1}\nobreak
20263         \cftsubsubsecfillnum{#2}}
20264 \fi}
20265 \renewcommand*{\l@paragraph}[2]{%
20266     \ifnum \c@tocdepth >3\relax
20267         \vskip \cftbeforeparaskip
20268         {\if@RTL\righskip\else\leftskip\fi \cftparaindent\relax
20269         \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20270         \parfillskip -\if@RTL\leftskip\else\righskip\fi
20271         \parindent \cftparaindent\relax\@afterindenttrue
20272         \interlinepenalty\@M
20273         \leavevmode
20274         \@tempdima \cftparanumwidth\relax
20275         \let\@cftbsnum \cftparapresnum
20276         \let\@cftasnum \cftparaaftersnum
20277         \let\@cftasnumb \cftparaaftersnumb
20278         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20279         {\cftparafont #1}\nobreak
20280         \cftparafillnum{#2}}
20281 \fi}
20282 \renewcommand*{\l@subparagraph}[2]{%
20283     \ifnum \c@tocdepth >4\relax
20284         \vskip \cftbeforesubparaskip
20285         {\if@RTL\righskip\else\leftskip\fi \cftsubparaindent\relax
20286         \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20287         \parfillskip -\if@RTL\leftskip\else\righskip\fi
20288         \parindent \cftsubparaindent\relax\@afterindenttrue
20289         \interlinepenalty\@M
20290         \leavevmode
20291         \@tempdima \cftsubparanumwidth\relax
20292         \let\@cftbsnum \cftsubparapresnum
20293         \let\@cftasnum \cftsubparaaftersnum
20294         \let\@cftasnumb \cftsubparaaftersnumb
20295         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20296         {\cftsubparafont #1}\nobreak
20297         \cftsubparafillnum{#2}}
20298 \fi}
20299 \renewcommand*{\l@figure}[2]{%

```



```

20300 \ifnum \c@lofdepth >\z@
20301   \vskip \cftbeforefigskip
20302   {\if@RTL\righskip\else\leftskip\fi \cftfigindent\relax
20303    \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20304    \parfillskip -\if@RTL\leftskip\else\righskip\fi
20305    \parindent \cftfigindent\relax\@afterindenttrue
20306    \interlinepenalty\@M
20307    \leavevmode
20308    \@tempdima \cftfignumwidth\relax
20309    \let\@cftbsnum \cftfigpresnum
20310    \let\@cftasnum \cftfigaftersnum
20311    \let\@cftasnumb \cftfigaftersnumb
20312    \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20313    {\cftfigfont #1}\nobreak
20314    \cftfigfillnum{#2}}
20315   \fi
20316 }
20317 \renewcommand*\@l@table}[2]{%
20318   \ifnum \c@lotdepth >\z@
20319     \vskip \cftbeforetabskip
20320     {\if@RTL\righskip\else\leftskip\fi \cfttabindent\relax
20321      \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20322      \parfillskip -\if@RTL\leftskip\else\righskip\fi
20323      \parindent \cfttabindent\relax\@afterindenttrue
20324      \interlinepenalty\@M
20325      \leavevmode
20326      \@tempdima \cfttabnumwidth\relax
20327      \let\@cftbsnum \cfttabpresnum
20328      \let\@cftasnum \cfttabaftersnum
20329      \let\@cftasnumb \cfttabaftersnumb
20330      \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20331      {\cfttabfont #1}\nobreak
20332      \cfttabfillnum{#2}}
20333     \fi
20334   }
20335 \renewcommand*\@cftl@subfig){
20336 \renewcommand*\@l@subfigure}[2]{%
20337   \ifnum \c@lofdepth > \toclevel@subfigure
20338     \vskip \cftbeforesubfigskip
20339     {\if@RTL\righskip\else\leftskip\fi \cftsubfigindent\relax
20340      \if@RTL\leftskip\else\righskip\fi \@tocrmarg
20341      \parfillskip -\if@RTL\leftskip\else\righskip\fi
20342      \parindent \cftsubfigindent\relax\@afterindenttrue
20343      \interlinepenalty\@M
20344      \leavevmode
20345      \@tempdima \cftsubfignumwidth\relax
20346      \let\@cftbsnum \cftsubfigpresnum
20347      \let\@cftasnum \cftsubfigaftersnum
20348      \let\@cftasnumb \cftsubfigaftersnumb
20349      \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
20350      {\cftsubfigfont ##1}\nobreak
20351      \cftsubfigfillnum{##2}}
20352   \fi
20353 }

```



```

20354 }
20355 \renewcommand{\@cftl@subtab}{
20356 \renewcommand*{\l@subtable}[2]{%
20357   \ifnum \c@lotdepth > \toclevel@subtable
20358     \vskip \cftbeforesubtabskip
20359     {\if@RTL\rightrightskip\else\leftskip\fi \cftsubtabindent\relax
20360     \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
20361     \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
20362     \parindent \cftsubtabindent\relax\@afterindenttrue
20363     \interlinepenalty\@M
20364     \leavevmode
20365     \@tempdima \cftsubtabnumwidth\relax
20366     \let\@cftbsnum \cftsubtabpresnum
20367     \let\@cftasnum \cftsubtabaftersnum
20368     \let\@cftasnumb \cftsubtabaftersnumb
20369     \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
20370     {\cftsubtabfont ##1}\nobreak
20371     \cftsubtabfillnum{##2}}
20372   \fi
20373 }
20374 }
20375 \renewcommand{\newlistentry}[4][\@empty]{%
20376   \ifundefined{c@#2}{%      check & set the counter
20377     \ifx \@empty#1\relax
20378       \newcounter{#2}
20379     \else
20380       \ifundefined{c@#1}{\PackageWarning{tocloft}%
20381         {#1 has no counter for use as a `within'}
20382         \newcounter{#2}}%
20383       {\newcounter{#2}[#1}%
20384       \expandafter\edef\csname the#2\endcsname{%
20385         \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}}
20386     \fi
20387     \setcounter{#2}{0}
20388   }
20389   {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
20390
20391   \@namedef{l@#2}##1##2{%
20392     \ifnum \@nameuse{c@#3depth} > #4\relax
20393       \vskip \@nameuse{cftbefore#2skip}
20394       {\if@RTL\rightrightskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
20395       \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
20396       \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
20397       \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
20398       \interlinepenalty\@M
20399       \leavevmode
20400       \@tempdima \@nameuse{cft#2numwidth}\relax
20401       \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
20402       \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
20403       \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
20404       \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
20405       {\@nameuse{cft#2font}##1}\nobreak
20406       \@nameuse{cft#2fillnum}{##2}}
20407   \fi

```



```

20408 } % end of \l@#2
20409
20410 \expandafter\newlength\csname cftbefore#2skip\endcsname
20411 \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
20412 \expandafter\newlength\csname cft#2indent\endcsname
20413 \expandafter\newlength\csname cft#2numwidth\endcsname
20414 \ifcase #4\relax % 0
20415 \setlength{\@nameuse{cft#2indent}}{0em}
20416 \setlength{\@nameuse{cft#2numwidth}}{1.5em}
20417 \or % 1
20418 \setlength{\@nameuse{cft#2indent}}{1.5em}
20419 \setlength{\@nameuse{cft#2numwidth}}{2.3em}
20420 \or % 2
20421 \setlength{\@nameuse{cft#2indent}}{3.8em}
20422 \setlength{\@nameuse{cft#2numwidth}}{3.2em}
20423 \or % 3
20424 \setlength{\@nameuse{cft#2indent}}{7.0em}
20425 \setlength{\@nameuse{cft#2numwidth}}{4.1em}
20426 \else % anything else
20427 \setlength{\@nameuse{cft#2indent}}{10.0em}
20428 \setlength{\@nameuse{cft#2numwidth}}{5.0em}
20429 \fi
20430 \@namedef{cft#2font}{\normalfont}
20431 \@namedef{cft#2presnum}{}
20432 \@namedef{cft#2aftersnum}{}
20433 \@namedef{cft#2aftersnumb}{}
20434 \@namedef{cft#2dotsep}{\cftdotsep}
20435 \@namedef{cft#2leader}{\normalfont\cftdotfill{\@nameuse{cft#2dotsep}}}
20436 \@namedef{cft#2pagefont}{\normalfont}
20437 \@namedef{cft#2afterpnum}{}
20438 \@namedef{toclevel@#2}{#4}
20439 \@namedef{cft#2fillnum}##1{%
20440 {\@nameuse{cft#2leader}}\nobreak
20441 \hb@xt@{\@pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}
20442 } % end \newlistentry
20443 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
20444 {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
20445 \advance\if@RTL\rightskip\else\leftskip\fi \cftchapnumwidth\relax
20446 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg\relax
20447 \textit{#1}\protect\par}}}

```

## 129 File tocbasic-xetex-bidi.def

```

20448 \ProvidesFile{tocbasic-xetex-bidi.def}[2022/05/22 v0.3 bidi adaptations for tocbasic package]
20449 \bidi@undef\scr@dte@def@l@undottedtocline
20450 \bidi@undef\scr@dte@undottedtocline@init
20451 \DeclareTOCEntryStyle{undottedtocline}[%
20452 \DefineTOCEntryLengthOption{indent}%
20453 {scr@tso@}{@indent}{entry indent}%
20454 \DefineTOCEntryLengthOption{numwidth}%
20455 {scr@tso@}{@numwidth}{entry number width}%
20456 \@ifundefined{#1tocdepth}{%
20457 \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
20458 \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%

```



```

20459 \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
20460 \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
20461 \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%
20462 \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
20463 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
20464 \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%
20465 \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
20466 \expandafter\let\csname #1tocdepth\expandafter\endcsname
20467 \csname #1numdepth\endcsname
20468 }%
20469 }%
20470 }%
20471 }%
20472 }%
20473 }%
20474 }%
20475 }%
20476 }%
20477 }{%
20478 \@ifundefined{scr@tso@#1@indent}{%
20479 \@ifundefined{scr@#1@tocindent}{%
20480 \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20481 \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20482 \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
20483 \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
20484 \scr@ifundefinedorrelax{1@chapter}{%
20485 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{0pt}}{%
20486 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20487 \Ifstr{#1}{subsubsection}{%
20488 \@namedef{scr@tso@#1@indent}{3.8em}%
20489 }{%
20490 \Ifstr{#1}{paragraph}{%
20491 \@namedef{scr@tso@#1@indent}{7em}%
20492 }{%
20493 \Ifstr{#1}{subparagraph}{%
20494 \@namedef{scr@tso@#1@indent}{10em}%
20495 }{%
20496 }%
20497 }%
20498 }%
20499 }%
20500 }%
20501 }{%
20502 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20503 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
20504 \Ifstr{#1}{subsubsection}{%
20505 \@namedef{scr@tso@#1@indent}{7.0em}%
20506 }{%
20507 \Ifstr{#1}{paragraph}{%
20508 \@namedef{scr@tso@#1@indent}{10em}%
20509 }{%
20510 \Ifstr{#1}{subparagraph}{%
20511 \@namedef{scr@tso@#1@indent}{12em}%
20512 }{%

```



```

20513         }%
20514     }%
20515 }%
20516 }%
20517 }%
20518 }%
20519 }%
20520 }%
20521 }%
20522 }%
20523 }{%
20524     \@namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
20525 }%
20526 }{%}%
20527 \@ifundefined{scr@tso@#1@numwidth}{%
20528     \@ifundefined{scr@#1@tocnumwidth}{%
20529         \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
20530             \Ifstr{#1}{table}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
20531                 \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
20532                     \scr@ifundefinedorrelax{chapter}{%
20533                         \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
20534                             \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
20535                                 \Ifstr{#1}{subsubsection}{%
20536                                     \@namedef{scr@tso@#1@numwidth}{3.2em}%
20537                                 }{%
20538                                     \Ifstr{#1}{paragraph}{%
20539                                         \@namedef{scr@tso@#1@numwidth}{4.1em}%
20540                                     }{%
20541                                         \Ifstr{#1}{subparagraph}{%
20542                                             \@namedef{scr@tso@#1@numwidth}{5em}%
20543                                         }{%
20544                                             }%
20545                                         }%
20546                                     }%
20547                                 }%
20548                             }%
20549                         }{%
20550                             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
20551                                 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{3.2em}}{%
20552                                     \Ifstr{#1}{subsubsection}{%
20553                                         \@namedef{scr@tso@#1@numwidth}{3.1em}%
20554                                     }{%
20555                                         \Ifstr{#1}{paragraph}{%
20556                                             \@namedef{scr@tso@#1@numwidth}{5em}%
20557                                         }{%
20558                                             \Ifstr{#1}{subparagraph}{%
20559                                                 \@namedef{scr@tso@#1@numwidth}{6em}%
20560                                             }{%
20561                                                 }%
20562                                             }%
20563                                         }%
20564                                     }%
20565                                 }%
20566                             }%

```





```

20567         }%
20568     }%
20569 }%
20570 }{%
20571     \@namedef{scr@tso@#1@numwidth}{\@nameuse{scr@#1@tocnumwidth}}%
20572 }%
20573 }{%
20574 }}{%
20575     \ifnum \c@tocdepth >\numexpr \@nameuse{#1tocdepth}-\@ne\relax
20576     \ifnum \@nameuse{#1tocdepth}<\@ne
20577         \scr@ifundefinedorrelax{chapter}{%
20578             \addpenalty\@secpenalty
20579             \addvspace{1.0em \@plus\p}%
20580         }{%
20581             \addpenalty{-\@highpenalty}%
20582             \vskip 1.0em \@plus\p@
20583         }%
20584     \else
20585         \addpenalty\@secpenalty
20586         \addvspace{1.0em \@plus\p@}%
20587     \fi
20588     \setlength\@tempdima{\@nameuse{scr@tso@#1@numwidth}}%
20589     \begingroup
20590         \parindent \z@ \bidi@rightskip \@pnumwidth
20591         \parfillskip -\@pnumwidth
20592         \leavevmode
20593         \bfseries
20594         \advance\bidi@leftskip\@tempdima
20595         \If TocFeature{\@currentx}{noindent}{%
20596             \hskip -\bidi@leftskip
20597         }{%
20598             \advance\bidi@leftskip\@nameuse{scr@tso@#1@indent}%
20599             \hskip -\dimexpr \bidi@leftskip-\@nameuse{scr@tso@#1@indent}\relax
20600         }%
20601         ##1%
20602         \nobreak
20603         \hfil \nobreak\hb@xt@\@pnumwidth{\hss ##2}%
20604         \par
20605         \penalty\@highpenalty
20606     \endgroup
20607 \fi
20608 }
20609
20610 \bidi@undef\scr@dte@def@l@targetocline
20611 \bidi@undef\scr@dte@largetocline@init
20612 \DeclareTOCEntryStyle{largetocline}[{%
20613     \DefineTOCEntryLengthOption{indent}%
20614     {scr@tso@}{@indent}{entry indent}%
20615     \@ifundefined{#1tocdepth}{%
20616         \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
20617             \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%
20618                 \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
20619                     \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
20620                         \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%

```



```

20621 \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
20622 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
20623 \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%
20624 \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
20625 \expandafter\let\csname #1tocdepth\expandafter\endcsname
20626 \csname #1numdepth\endcsname
20627 }%
20628 }%
20629 }%
20630 }%
20631 }%
20632 }%
20633 }%
20634 }%
20635 }%
20636 }{}%
20637 \@ifundefined{scr@tso@#1@indent}{%
20638 \ifundefined{scr@#1@tocindent}{%
20639 \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20640 \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20641 \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
20642 \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
20643 \scr@ifundefinedorrelax{1@chapter}{%
20644 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{0pt}}{%
20645 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20646 \Ifstr{#1}{subsubsection}{%
20647 \@namedef{scr@tso@#1@indent}{3.8em}%
20648 }{%
20649 \Ifstr{#1}{paragraph}{%
20650 \@namedef{scr@tso@#1@indent}{7em}%
20651 }{%
20652 \Ifstr{#1}{subparagraph}{%
20653 \@namedef{scr@tso@#1@indent}{10em}%
20654 }{%
20655 }%
20656 }%
20657 }%
20658 }%
20659 }%
20660 }{}%
20661 \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
20662 \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
20663 \Ifstr{#1}{subsubsection}{%
20664 \@namedef{scr@tso@#1@indent}{7.0em}%
20665 }{%
20666 \Ifstr{#1}{paragraph}{%
20667 \@namedef{scr@tso@#1@indent}{10em}%
20668 }{%
20669 \Ifstr{#1}{subparagraph}{%
20670 \@namedef{scr@tso@#1@indent}{12em}%
20671 }{%
20672 }%
20673 }%
20674 }%

```



```

20675         }%
20676     }%
20677 }%
20678 }%
20679 }%
20680 }%
20681 }%
20682 }{%
20683     \namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
20684 }%
20685 }{%
20686 }]{%
20687 \ifnum \c@tocdepth >\numexpr \@nameuse{#1tocdepth}-\@ne\relax
20688     \ifnum \@nameuse{#1tocdepth}<\@ne
20689         \scr@ifundefinedorrelax{chapter}{%
20690             \addpenalty\@secpenalty
20691             \addvspace{2.25em \@plus\p@}%
20692         }{%
20693             \addpenalty{-\@highpenalty}%
20694             \addvspace{2.25em \@plus\p@}%
20695         }%
20696     \else
20697         \addpenalty\@secpenalty
20698         \addvspace{2.25em \@plus\p@}%
20699     \fi
20700     \setlength\@tempdima{3em}%
20701     \begingroup
20702         \parindent \z@ \bidi@rightskip \@pnumwidth
20703         \parfillskip -\@pnumwidth
20704         \leavevmode
20705         \large
20706         \bfseries
20707         \IfTocFeature{\@currentx}{noindent}{%
20708             }{%
20709                 \advance\bidi@leftskip\@nameuse{scr@tso@#1@indent}%
20710             }%
20711         ##1%
20712         \hfil \nobreak\hb@xt@\@pnumwidth{\hss ##2}%
20713         \par
20714         \nobreak
20715         \ifnum 0=
20716             \scr@ifundefinedorrelax{chapter}{\if@compatibility 1\else 0\fi}{1}\relax
20717             \global\@nobreaktrue
20718             \everypar{\global\@nobreakfalse\everypar{}}%
20719         \fi
20720     \endgroup
20721 \fi
20722 }
20723
20724 \renewcommand*{\scr@dte@tocline}[3]{%
20725     \ifnum \@nameuse{#1tocdepth}>\c@tocdepth
20726     \else
20727         \tocbasic@DependOnPenaltyAndTOCLevel{#1}%
20728         \addvspace{\@nameuse{scr@tso@#1@beforeskip}}\relax

```



```

20729 \@nameuse{Ifscr@tso@#1@dynindent}{%
20730 \expandafter\ifx\csname scr@tso@#1@indentfollows\endcsname\@empty
20731 \PackageWarning{tocbasic}{`dynindent' for `#1' not available}%
20732 \else
20733 \edef\reserved@a{\@nameuse{scr@tso@#1@indentfollows}}%
20734 \@for \reserved@a:=\reserved@a\do {%
20735 \scr@trim@spaces\reserved@a
20736 \ifx\reserved@a\@empty\else
20737 \scr@ifundefinedorrelax{\reserved@a tocdepth}{%
20738 }{%
20739 \ifnum \@nameuse{\reserved@a tocdepth}<\@nameuse{#1tocdepth}%
20740 \@tempdima\@nameuse{scr@tso@\reserved@a @indent}\relax
20741 \@nameuse{Ifscr@tso@\reserved@a @dynnumwidth}{%
20742 \scr@ifundefinedorrelax
20743 {scr@dte@\reserved@a @lastmaxnumwidth}{%
20744 \advance\@tempdima
20745 \@nameuse{scr@tso@\reserved@a @numwidth}\relax
20746 }{%
20747 \advance\@tempdima
20748 \@nameuse{scr@dte@\reserved@a @lastmaxnumwidth}\relax
20749 }%
20750 }{%
20751 \advance\@tempdima
20752 \@nameuse{scr@tso@\reserved@a @numwidth}\relax
20753 }%
20754 \ifdim \@tempdima>\@nameuse{scr@tso@#1@indent}\relax
20755 \expandafter\edef\csname scr@tso@#1@indent\endcsname
20756 {\the\@tempdima}%
20757 \fi
20758 \fi
20759 }%
20760 \fi
20761 }%
20762 \fi
20763 }{%
20764 {%
20765 \Iftocfeature{\@currentx}{noindent}{%
20766 \bidi@leftskip \z@
20767 }{%
20768 \bidi@leftskip \@nameuse{scr@tso@#1@indent}\relax
20769 }%
20770 \bidi@rightskip \@nameuse{scr@tso@#1@rightindent}\relax
20771 \parfillskip -\bidi@rightskip
20772 \@nameuse{Ifscr@tso@#1@raggedpage}{%
20773 \addtolength{\parfillskip}{\z@ \@plus 1fil}%
20774 }{%
20775 \Iftocfeature{\@currentx}{noindent}{%
20776 \parindent \z@
20777 }{%
20778 \parindent \@nameuse{scr@tso@#1@indent}\relax
20779 }%
20780 \@afterindenttrue
20781 \interlinepenalty\M
20782 \expandafter\ifx\csname ragged#1entry\endcsname\raggedright

```



```

20783      \addtolength\bidirightskip\@flushglue
20784    \else
20785      \def\reserved@a{\raggedright}%
20786      \expandafter\ifx\csname ragged#1entry\endcsname\reserved@a
20787        \addtolength\bidirightskip\@flushglue
20788      \else
20789        \renewcommand\reserved@a{\raggedright}%
20790        \expandafter\ifx\csname ragged#1entry\endcsname\reserved@a
20791          \addtolength\bidirightskip\@flushglue
20792        \fi
20793      \fi
20794    \fi
20795    \leavevmode
20796    \@tempdima \@nameuse{scr@tso@#1@numwidth}\relax
20797    \@nameuse{Ifscr@tso@#1@dynnumwidth}{\%
20798      \scr@ifundefinedorrelax{scr@dte@#1@lastmaxnumwidth}{\%
20799        \ifdim \@nameuse{scr@dte@#1@lastmaxnumwidth}>\@tempdima
20800          \@tempdima\@nameuse{scr@dte@#1@lastmaxnumwidth}\relax
20801        \fi
20802      }%
20803    }{\}%
20804    \advance\bidileftskip \@tempdima
20805    \null\nobreak\hskip -\bidileftskip
20806    {%
20807      \usetocbasicnumberline
20808      \let\scr@dte@numberline@box\numberline@box
20809      \def\numberline@box##1{%
20810        \sbox\scr@dte@tocline@numbox{\@nameuse{scr@tso@#1@numberformat}{##1}}%
20811        \global\scr@dte@tocline@numberwidth
20812        \dimexpr\wd\scr@dte@tocline@numbox+\@nameuse{scr@tso@#1@numsep}\relax
20813        \relax
20814        \ifdim \scr@dte@tocline@numberwidth
20815          >\@nameuse{scr@dte@#1@maxnumwidth}\relax
20816        \global\@nameuse{scr@dte@#1@maxnumwidth}\scr@dte@tocline@numberwidth
20817      \fi
20818      \@nameuse{Ifscr@tso@#1@dynnumwidth}{\%
20819        \ifdim \scr@dte@tocline@numberwidth
20820          >\dimexpr \@nameuse{scr@tso@#1@numwidth}%
20821            +\@nameuse{scr@tso@#1@numsep}\relax\relax
20822          \PackageWarning{tocbasic}{\%
20823            number width of #1 toc entries should be
20824            increased!\MessageBreak
20825            Currently used number width =
20826            \the\wd\scr@dte@tocline@numbox,\MessageBreak
20827            Wanted number separation
20828            \space\space\space =
20829            \the\dimexpr\@nameuse{scr@tso@#1@numsep}\relax,\MessageBreak
20830            Reserved number width \space\space\space\space\space =
20831            \the\dimexpr\@nameuse{scr@tso@#1@numwidth}\relax%
20832          }%
20833        \fi
20834      }%
20835      \scr@dte@numberline@box{\@nameuse{scr@tso@#1@numberformat}{##1}}%
20836      \@nameuse{Ifscr@tso@#1@breakafternumber}{\%

```



```

20837         {\parfillskip\@flushglue\par}\nobreak\hskip-\bidi@leftskip
20838     }{}%
20839 }%
20840 \@nameuse{scr@tso@#1@entryformat}{%
20841     #2%
20842     \nobreak
20843     {%
20844         \normalfont\normalsize\@nameuse{scr@tso@#1@linefill}%
20845         \nobreak
20846         \expandafter\let\expandafter\scr@dte@pagenumberwidth
20847         \csname scr@tso@#1@pagenumberwidth\endcsname
20848         \@nameuse{scr@tso@#1@pagenumberbox}{%
20849             \@nameuse{scr@tso@#1@pagenumberformat}{#3}%
20850         }%
20851     }%
20852     \@par
20853 }%
20854 }%
20855 }%
20856 \tocbasic@SetPenaltyByTOCLevel{#1}%
20857 \fi
20858 }
20859
20860
20861 \bidi@undef\scr@dte@def@l@tocline
20862 \bidi@undef\scr@dte@tocline@init
20863 \DeclareTOCEntryStyle{tocline}[{%
20864     \DefineTOCEntryLengthOption{beforeskip}%
20865     {scr@tso@}{@beforeskip}{vertical skip before the entry}%
20866     \DefineTOCEntryIfOption{breakafternumber}%
20867     {scr@tso@}{@breakafternumber}{line break after number flag}%
20868     \DefineTOCEntryIfOption{dynnumwidth}%
20869     {scr@tso@}{@dynnumwidth}{dynamic number width flag}%
20870     \DefineTOCEntryListOption{indentfollows}%
20871     {scr@tso@}{@indentfollows}{list of levels that define the indent}%
20872     \DefineTOCEntryIfOption{dynindent}%
20873     {scr@tso@}{@dynindent}{dynamic indent width flag}%
20874     \DefineTOCEntryCommandOption{entryformat}%
20875     {scr@tso@}{@entryformat}[1]{entry format}%
20876     \DefineTOCEntryCommandOption{entrynumberformat}%
20877     {scr@tso@}{@numberformat}[1]{entry number format}%
20878     \DefineTOCEntryCommandOption{linefill}[\TOCLineLeaderFill]%
20879     {scr@tso@}{@linefill}{filling between text and page number}%
20880     \DefineTOCEntryLengthOption{numsep}%
20881     {scr@tso@}{@numsep}{entry number separation}%
20882     \DefineTOCEntryCommandOption{onstarthigherlevel}%
20883     {scr@tso@}{@LastTOCLevelWasLower}{start higher level entry hook}%
20884     \DefineTOCEntryCommandOption{onstartlowerlevel}%
20885     {scr@tso@}{@LastTOCLevelWasHigher}{start lower level entry hook}%
20886     \DefineTOCEntryCommandOption{onstartsamelevel}%
20887     {scr@tso@}{@LastTOCLevelWasSame}{start same level entry hook}%
20888     \DefineTOCEntryCommandOption{pagenumberbox}%
20889     {scr@tso@}{@pagenumberbox}[1]{page number box}%
20890     \DefineTOCEntryCommandOption{pagenumberformat}%

```



```

20891 {scr@tso@}{@pagenumberformat}[1]{page number format}%
20892 \DefineTOCEntryLengthOption{pagenumberwidth}%
20893 {scr@tso@}{@pagenumberwidth}{width of page number box}%
20894 \DefineTOCEntryLengthOption{rightindent}%
20895 {scr@tso@}{@rightindent}{entry's text right indent}%
20896 \DefineTOCEntryOption{raggedentrytext}[true]{%
20897 \FamilySetBool{KOMAAarg}{raggedentrytext}{@tempswa}{##1}%
20898 \ifx\FamilyKeyState\FamilyKeyStateProcessed
20899 \if@tempswa
20900 \expandafter\let\csname ragged\scr@dte@current entry\endcsname
20901 \raggedright
20902 \else
20903 \expandafter\let\csname ragged\scr@dte@current entry\endcsname
20904 \relax
20905 \fi
20906 \fi
20907 }%
20908 \DefineTOCEntryIfOption{raggedpagenumber}%
20909 {scr@tso@}{@raggedpage}{page number ragged flag}%
20910 \DefineTOCEntryLengthOption{indent}%
20911 {scr@tso@}{@indent}{entry indent}%
20912 \DefineTOCEntryLengthOption{numwidth}%
20913 {scr@tso@}{@numwidth}{entry number width}%
20914 \scr@ifundefinedorrelax{#1tocdepth}{%
20915 \Ifstrstart{#1}{sub}{%
20916 \scr@ifundefinedorrelax{\scr@dte@nosub{#1}tocdepth}{%
20917 \expandafter\edef\csname #1tocdepth\endcsname{%
20918 \the\numexpr \noexpand\@nameuse{\scr@dte@nosub{#1}tocdepth}+\@ne\relax
20919 }%
20920 }%
20921 }{}%
20922 }{}%
20923 \@ifundefined{#1tocdepth}{%
20924 \Ifstr{#1}{part}{\@namedef{#1tocdepth}{-1}}{%
20925 \Ifstr{#1}{chapter}{\@namedef{#1tocdepth}{0}}{%
20926 \Ifstr{#1}{section}{\@namedef{#1tocdepth}{1}}{%
20927 \Ifstr{#1}{subsection}{\@namedef{#1tocdepth}{2}}{%
20928 \Ifstr{#1}{subsubsection}{\@namedef{#1tocdepth}{3}}{%
20929 \Ifstr{#1}{paragraph}{\@namedef{#1tocdepth}{4}}{%
20930 \Ifstr{#1}{subparagraph}{\@namedef{#1tocdepth}{5}}{%
20931 \Ifstr{#1}{figure}{\@namedef{#1tocdepth}{1}}{%
20932 \Ifstr{#1}{table}{\@namedef{#1tocdepth}{1}}{%
20933 \expandafter\let\csname #1tocdepth\expandafter\endcsname
20934 \csname #1numdepth\endcsname
20935 }%
20936 }%
20937 }%
20938 }%
20939 }%
20940 }%
20941 }%
20942 }%
20943 }%
20944 }{}%

```



```

20945 \scr@ifundefinedorrelax{scr@tso@#1@indent}{%
20946   \@ifundefined{scr@#1@tocindent}{%
20947     \Ifstrstart{#1}{sub}{%
20948       \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@indent}{%
20949         \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{}%
20950         \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
20951           \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}}%
20952         \relax
20953       }%
20954     }%
20955   }{%
20956     \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{%
20957       \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
20958         \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@indent}}%
20959       \relax
20960     }%
20961   }{%
20962     \expandafter\edef\csname scr@tso@#1@indent\endcsname{%
20963       \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@indent}}%
20964       +\noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}}%
20965     \relax
20966   }%
20967 }%
20968 }%
20969 }{}%
20970 }{%
20971   \@namedef{scr@tso@#1@indent}{\@nameuse{scr@#1@tocindent}}%
20972 }%
20973 }{}%
20974 \scr@ifundefinedorrelax{scr@tso@#1@pagenumberwidth}{%
20975   \Ifstrstart{#1}{sub}{%
20976     \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@pagenumberwidth}{%
20977       \@namedef{scr@tso@#1@pagenumberwidth}{\@pnumwidth}}%
20978     }{%
20979       \expandafter\let
20980       \csname scr@tso@#1@pagenumberwidth\expandafter\endcsname
20981       \csname scr@tso@\scr@dte@nosub{#1}@pagenumberwidth\endcsname
20982     }%
20983   }{%
20984     \@namedef{scr@tso@#1@pagenumberwidth}{\@pnumwidth}}%
20985   }%
20986 }{}%
20987 \scr@ifundefinedorrelax{scr@tso@#1@rightindent}{%
20988   \Ifstrstart{#1}{sub}{%
20989     \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@rightindent}{%
20990       \@namedef{scr@tso@#1@rightindent}{\@tocrmarg}}%
20991     }{%
20992       \expandafter\let
20993       \csname scr@tso@#1@rightindent\expandafter\endcsname
20994       \csname scr@tso@\scr@dte@nosub{#1}@rightindent\endcsname
20995     }%
20996   }{%
20997     \@namedef{scr@tso@#1@rightindent}{\@tocrmarg}}%
20998   }%

```





```

20999 }{}%
21000 \@ifundefined{scr@tso@#1@indent}{%
21001   \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
21002     \Ifstr{#1}{table}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
21003       \Ifstr{#1}{part}{\@namedef{scr@tso@#1@indent}{0em}}{%
21004         \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@indent}{0em}}{%
21005           \scr@ifundefinedorrelax{1@chapter}{%
21006             \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{0pt}}{%
21007               \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
21008                 \Ifstr{#1}{subsubsection}{%
21009                   \@namedef{scr@tso@#1@indent}{3.8em}%
21010                 }{}%
21011                 \Ifstr{#1}{paragraph}{%
21012                   \@namedef{scr@tso@#1@indent}{7em}%
21013                 }{}%
21014                 \Ifstr{#1}{subparagraph}{%
21015                   \@namedef{scr@tso@#1@indent}{10em}%
21016                 }{}%
21017               }%
21018             }%
21019           }%
21020         }%
21021       }%
21022     }{}%
21023     \Ifstr{#1}{section}{\@namedef{scr@tso@#1@indent}{1.5em}}{%
21024       \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@indent}{3.8em}}{%
21025         \Ifstr{#1}{subsubsection}{%
21026           \@namedef{scr@tso@#1@indent}{7.0em}%
21027         }{}%
21028         \Ifstr{#1}{paragraph}{%
21029           \@namedef{scr@tso@#1@indent}{10em}%
21030         }{}%
21031         \Ifstr{#1}{subparagraph}{%
21032           \@namedef{scr@tso@#1@indent}{12em}%
21033         }{}%
21034       }%
21035     }%
21036   }%
21037 }%
21038 }%
21039 }%
21040 }%
21041 }%
21042 }%
21043 }{}%
21044 }{}%
21045 \scr@ifundefinedorrelax{scr@tso@#1@numwidth}{%
21046   \scr@ifundefinedorrelax{scr@#1@tocnumwidth}{%
21047     \Ifstrstart{#1}{sub}{%
21048       \scr@ifundefinedorrelax{scr@tso@\scr@dte@nosub{#1}@numwidth}{%
21049         \expandafter\edef\csname scr@tso@#1@numwidth\endcsname{%
21050           \glueexpr \noexpand\@nameuse{scr@tso@\scr@dte@nosub{#1}@numwidth}%
21051             +.9em%
21052         }%
21053       }%
21054     }%
21055   }%
21056 }%

```



```

21053         }%
21054     }%
21055 }{}%
21056 }{%
21057     \@namedef{scr@tso@#1@numwidth}{\@nameuse{scr@#1@tocnumwidth}}%
21058 }%
21059 }{}%
21060 \@ifundefined{scr@tso@#1@numwidth}{%
21061     \Ifstr{#1}{figure}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
21062     \Ifstr{#1}{table}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
21063     \Ifstr{#1}{chapter}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
21064     \scr@ifundefinedorrelax{chapter}{%
21065     \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{1.5em}}{%
21066     \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
21067     \Ifstr{#1}{subsubsection}{%
21068     \@namedef{scr@tso@#1@numwidth}{3.2em}%
21069     }{%
21070     \Ifstr{#1}{paragraph}{%
21071     \@namedef{scr@tso@#1@numwidth}{4.1em}%
21072     }{%
21073     \Ifstr{#1}{subparagraph}{%
21074     \@namedef{scr@tso@#1@numwidth}{5em}%
21075     }{%
21076     }%
21077     }%
21078     }%
21079     }%
21080     }%
21081 }{%
21082     \Ifstr{#1}{section}{\@namedef{scr@tso@#1@numwidth}{2.3em}}{%
21083     \Ifstr{#1}{subsection}{\@namedef{scr@tso@#1@numwidth}{3.2em}}{%
21084     \Ifstr{#1}{subsubsection}{%
21085     \@namedef{scr@tso@#1@numwidth}{3.1em}%
21086     }{%
21087     \Ifstr{#1}{paragraph}{%
21088     \@namedef{scr@tso@#1@numwidth}{5em}%
21089     }{%
21090     \Ifstr{#1}{subparagraph}{%
21091     \@namedef{scr@tso@#1@numwidth}{6em}%
21092     }{%
21093     }%
21094     }%
21095     }%
21096     }%
21097     }%
21098     }%
21099     }%
21100     }%
21101 }{}%
21102 }{}%
21103 \expandafter\renewcommand%
21104 \csname scr@tso@#1@LastTOCLevelWasLower\endcsname{\LastTOCLevelWasLower}%
21105 \expandafter\renewcommand%
21106 \csname scr@tso@#1@LastTOCLevelWasSame\endcsname{\LastTOCLevelWasSame}%

```



```

21107 \expandafter\renewcommand%
21108 \csname scr@tso@#1@LastTOCLevelWasHigher\endcsname{\LastTOCLevelWasHigher}%
21109 \@ifundefined{scr@tso@#1@beforeskip}{%
21110   \Ifstr{#1}{part}{%
21111     \@namedef{scr@tso@#1@beforeskip}{\glueexpr 2.25em \@plus\p@ \relax}%
21112   }{%
21113     \Ifstr{#1}{chapter}{%
21114       \@namedef{scr@tso@#1@beforeskip}{\glueexpr 1.0em \@plus\p@ \relax}%
21115     }{%
21116       \Ifstr{#1}{section}{%
21117         \scr@ifundefinedorrelax{1@chapter}{%
21118           \@namedef{scr@tso@#1@beforeskip}{\glueexpr 1.0em \@plus\p@ \relax}%
21119         }{}%
21120       }{}%
21121     }%
21122   }%
21123   \expandafter\renewcommand\expandafter*%
21124   \csname scr@tso@#1@beforeskip\endcsname{\glueexpr \z@ plus .2\p@ \relax}%
21125 }{}%
21126 \@ifundefined{scr@dte@#1@maxnumwidth}{%
21127   \expandafter\newlength\csname scr@dte@#1@maxnumwidth\endcsname
21128   \setlength{\@nameuse{scr@dte@#1@maxnumwidth}}{\z@}%
21129 }{}%
21130 \renewcommand*{\scr@dte@donumwidth}{}%
21131 \g@addto@macro{\scr@dte@donumwidth}{\do{#1}}%
21132 \expandafter\renewcommand\expandafter*%
21133 \csname scr@tso@#1@numsep\endcsname{.4em}%
21134 \expandafter\renewcommand%
21135 \csname scr@tso@#1@numberformat\endcsname[1]{##1}%
21136 \Ifstr{#1}{part}{%
21137   \expandafter\renewcommand%
21138   \csname scr@tso@#1@entryformat\endcsname[1]{\large\bfseries ##1}%
21139 }{%
21140   \Ifstr{#1}{chapter}{%
21141     \expandafter\renewcommand%
21142     \csname scr@tso@#1@entryformat\endcsname[1]{\bfseries ##1}%
21143   }{%
21144     \scr@ifundefinedorrelax{1@chapter}{%
21145       \Ifstr{#1}{section}{%
21146         \expandafter\renewcommand%
21147         \csname scr@tso@#1@entryformat\endcsname[1]{\bfseries ##1}%
21148       }{}%
21149     }{}%
21150     \expandafter\renewcommand%
21151     \csname scr@tso@#1@entryformat\endcsname[1]{##1}%
21152   }%
21153 }%
21154 \expandafter\renewcommand
21155 \csname Ifscr@tso@#1@breakafternumber\endcsname[2]{##2}%
21156 \@ifundefined{scr@tso@#1@linefill}{%
21157   \Ifstr{#1}{part}{%
21158     \@namedef{scr@tso@#1@linefill}{\hfill}%
21159   }{}%
21160   \Ifstr{#1}{chapter}{%

```



```

21161         \@namedef{scr@tso@#1@linefill}{\hfill}%
21162     }{%
21163         \scr@ifundefinedorrelax{1@chapter}{%
21164             \Ifstr{#1}{section}{%
21165                 \@namedef{scr@tso@#1@linefill}{\hfill}%
21166             }{%
21167             }{%
21168                 \expandafter\renewcommand%
21169                 \csname scr@tso@#1@linefill\endcsname{\TOCLineLeaderFill\relax}%
21170             }%
21171         }%
21172     }{%
21173         \expandafter\renewcommand\csname Ifscr@tso@#1@raggedpage\endcsname[2]{##2}%
21174         \Ifstr{#1}{part}{%
21175             \expandafter\renewcommand%
21176             \csname scr@tso@#1@pagenumberformat\endcsname[1]{\large\bfseries ##1}%
21177         }{%
21178             \Ifstr{#1}{chapter}{%
21179                 \expandafter\renewcommand%
21180                 \csname scr@tso@#1@pagenumberformat\endcsname[1]{\bfseries ##1}%
21181             }{%
21182                 \scr@ifundefinedorrelax{1@chapter}{%
21183                     \Ifstr{#1}{section}{%
21184                         \expandafter\renewcommand%
21185                         \csname scr@tso@#1@pagenumberformat\endcsname[1]{\bfseries ##1}%
21186                     }{%
21187                     }{%
21188                         \expandafter\renewcommand%
21189                         \csname scr@tso@#1@pagenumberformat\endcsname[1]{%
21190                             {\normalfont\normalcolor ##1}}%
21191                     }%
21192                 }%
21193                 \expandafter\renewcommand%
21194                 \csname scr@tso@#1@pagenumberbox\endcsname[1]{%
21195                     \hb@xt@{\nameuse{scr@dte@pagenumberwidth}}{\hfil ##1}}%
21196                 \expandafter\renewcommand\csname Ifscr@tso@#1@dynnumwidth\endcsname[2]{##2}%
21197                 \expandafter\renewcommand\csname Ifscr@tso@#1@dynindent\endcsname[2]{##2}%
21198                 \scr@ifundefinedorrelax{scr@tso@#1@indentfollows}{%
21199                     \Ifstrstart{#1}{sub}{%
21200                         \expandafter\edef\csname scr@tso@#1@indentfollows\endcsname{%
21201                             \scr@dte@nosub{#1}}%
21202                     }%
21203                 }{%
21204                     \expandafter\let\csname scr@tso@#1@indentfollows\endcsname\@empty
21205                 }%
21206             }{%
21207             }{%
21208                 \scr@dte@tocline{#1}{##1}{##2}%
21209             }

```

## 130 File tocstyle-xetex-bidi.def

```

21210 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package]
21211 \renewcommand*{\tocstyle@dottedtocline}[5]{%

```



```

21212 \let\numberline\tocstyle@numberline
21213 \ifnum #1>\c@tocdepth \else
21214   \if@tocstyle@penalties
21215     \begingroup
21216       \@tempcnta 20010
21217       \advance \@tempcnta by -#1
21218       \ifnum \@tempcnta>\lastpenalty
21219         \aftergroup\penalty\aftergroup\@lowpenalty
21220       \fi
21221     \endgroup
21222   \fi
21223   \edef\tocstyledepth{#1}%
21224   \tocstyle@activate@features
21225   \ifx\tocstyle@feature@entryvskip\relax
21226     \vskip \z@ \@plus.2\p@
21227   \else
21228     \addvspace{\tocstyle@feature@entryvskip}%
21229   \fi
21230   {%
21231     \parskip \z@ \parindent \z@ \if@RTL\rightskip\else\leftskip\fi \z@ \if@RTL\leftskip\el
21232     \tocstyle@feature@raggedhook
21233     \@tempdima #3\relax
21234     \@tempdimb #2\relax
21235     \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
21236     \ifnum #1>\z@\relax
21237       \@tempcnta #1\relax \advance\@tempcnta \m@ne
21238       \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
21239         \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
21240           \@tempdimb
21241           \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
21242           \advance\@tempdimb
21243           \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
21244         \fi
21245       \fi
21246     \fi
21247     \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
21248     \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
21249       \ifdim \@tempdimb>
21250         \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax
21251         \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
21252           @#1\endcsname{\the\@tempdimb}%
21253       \fi
21254     \else
21255       \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
21256         @#1\endcsname{\the\@tempdimb}%
21257     \fi
21258     \iftocstyle@autolength
21259       \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
21260         \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
21261         \relax
21262       \fi
21263       \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
21264         \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
21265         \relax

```



```

21266 \fi
21267 \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
21268 \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
21269 \else
21270 \@tempdimb #2\relax
21271 \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
21272 \fi
21273 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
21274 \ifdim \@tempdima>
21275 \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
21276 \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
21277 @\endcsname{\the\@tempdima}%
21278 \fi
21279 \else
21280 \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
21281 @\endcsname{\the\@tempdima}%
21282 \fi
21283 \ifcase\tocstyle@indentstyle\relax\else
21284 \@tempdimb \z@
21285 \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
21286 \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
21287 \relax
21288 \fi
21289 \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
21290 \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
21291 \fi
21292 \advance\parindent \@tempdimb\@afterindenttrue
21293 \advance\if@RTL\rightskip\else\leftskip\fi \parindent
21294 \advance\if@RTL\leftskip\else\rightskip\fi \tocrmarg
21295 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
21296 \ifx\tocstyle@feature@parfillskip\relax\else
21297 \advance\parfillskip \tocstyle@feature@parfillskip\relax
21298 \fi
21299 \interlinepenalty\@M
21300 \leavevmode
21301 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
21302 \null\nobreak
21303 \iftocstyle@indentnotnumbered\else
21304 \hskip -\if@RTL\rightskip\else\leftskip\fi
21305 \fi
21306 \tocstyle@feature@entryhook
21307 {#4}\nobreak
21308 \ifx\tocstyle@feature@leaders\relax
21309 \leaders\hbox{$\m@th
21310 \mkern \@dotsep mu\hbox{\tocstyle@feature@dothook .}%
21311 \mkern \@dotsep mu$}\hfill
21312 \else
21313 \tocstyle@feature@leaders
21314 \fi
21315 \nobreak
21316 \ifx\tocstyle@feature@pagenumberbox\relax
21317 \hb@xt@\@pnumwidth{\hfil\tocstyle@feature@pagenumberhook #5}%
21318 \else
21319 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%

```



```

21320     \fi
21321     \par
21322   }%
21323   \if@tocstyle@penalties
21324     \bgroup
21325       \@tempcnta 20009
21326       \advance\@tempcnta by -#1
21327       \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
21328     \reserved@a
21329   \fi
21330 \fi}
21331 \renewcommand*{\tocstyle@numberline}[1]{%
21332   \begingroup
21333     \ifx\tocstyle@feature@spaceafternumber\relax
21334       \settowidth\@tempdima{\tocstyle@@numberline{#1}\enskip}%
21335     \else
21336       \settowidth\@tempdima{\tocstyle@@numberline{#1}}%
21337       \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
21338     \fi
21339     \ifcsname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname
21340       \ifdim \@tempdima >
21341         \csname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname\relax
21342         \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
21343           @\tocstyledepth\endcsname{\the\@tempdima}%
21344       \fi
21345     \else
21346       \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
21347         @\tocstyledepth\endcsname{\the\@tempdima}%
21348     \fi
21349   \endgroup
21350   \iftocstyle@indentnotnumbered
21351     \hskip -\if@RTL\rightskip\else\leftskip\fi
21352   \fi
21353   \ifcase \tocstyle@indentstyle
21354     \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
21355   \or
21356     \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
21357   \else
21358     \ifx\tocstyle@feature@spaceafternumber\relax
21359       \hbox{\tocstyle@@numberline{#1}\enskip}%
21360     \else
21361       \hbox{\tocstyle@@numberline{#1}\hskip
21362         \tocstyle@feature@spaceafternumber\relax}%
21363     \fi
21364   \fi
21365 }
21366 \AtBeginDocument{%
21367   \ifcsname l@part\endcsname
21368     \ifcsname l@chapter\endcsname
21369       \setbox\@tempboxa\vbox{\hsize\maxdimen
21370         \l@part{\tocstyle@l@define{part}{-1}}}%
21371     \else
21372       \setbox\@tempboxa\vbox{\hsize\maxdimen
21373         \l@part{\tocstyle@l@define{part}{0}}}%

```



```

21374 \fi
21375 \fi
21376 \ifcsname l@chapter\endcsname
21377 \setbox\@tempboxa\vbox{\hsize\maxdimen
21378 \l@chapter{\tocstyle@l@define{chapter}{0}}{}}%
21379 \fi
21380 \ifcsname l@section\endcsname
21381 \setbox\@tempboxa\vbox{\hsize\maxdimen
21382 \l@section{\tocstyle@l@define{section}{1}}{}}%
21383 \fi
21384 \ifcsname l@subsection\endcsname
21385 \setbox\@tempboxa\vbox{\hsize\maxdimen
21386 \l@subsection{\tocstyle@l@define{subsection}{2}}{}}%
21387 \fi
21388 \ifcsname l@subsubsection\endcsname
21389 \setbox\@tempboxa\vbox{\hsize\maxdimen
21390 \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}%
21391 \fi
21392 \ifcsname l@paragraph\endcsname
21393 \setbox\@tempboxa\vbox{\hsize\maxdimen
21394 \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}%
21395 \fi
21396 \ifcsname l@subparagraph\endcsname
21397 \setbox\@tempboxa\vbox{\hsize\maxdimen
21398 \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}%
21399 \fi
21400 \ifcsname l@table\endcsname
21401 \setbox\@tempboxa\vbox{\hsize\maxdimen
21402 \l@table{\tocstyle@l@define{table}{1}}{}}%
21403 \fi
21404 \ifcsname l@figure\endcsname
21405 \setbox\@tempboxa\vbox{\hsize\maxdimen
21406 \l@figure{\tocstyle@l@define{figure}{1}}{}}%
21407 \fi
21408 \def\@tempa#1#2#3#4#5{%
21409 \ifnum #1>\c@tocdepth \else
21410 \vskip \z@ \@plus.2\p@
21411 {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@toc
21412 \parindent #2\relax\@afterindenttrue
21413 \interlinepenalty\@M
21414 \leavevmode
21415 \@tempdima #3\relax
21416 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\ri
21417 {#4}\nobreak
21418 \leaders\hbox{$\m@th
21419 \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
21420 mu$}\hfill
21421 \nobreak
21422 \hb@xt@\@pnumwidth{{\hfil \normalfont \normalcolor #5}}%
21423 \par}%
21424 \fi}%
21425 \ifx\@dottedtocline\@tempa\else
21426 \tocstyle\macrochangewarning\@dottedtocline
21427 \fi

```





```

21428 \let\tocstyle@saved@dottedtocline\@dottedtocline
21429 \def\@tempa#1{\hb@xt@\@tempdima{#1\autodot\hfil}}%
21430 \ifx\numberline\@tempa\else
21431   \def\@tempa#1{\hb@xt@\@tempdima{#1\hfil}}%
21432   \ifx\numberline\@tempa\else
21433     \tocstyle@macrochangewarning\numberline
21434   \fi
21435 \fi
21436 \let\tocstyle@saved@numberline\numberline
21437 }
21438 \renewcommand*{\tocstyle@l@define}[2]{%
21439   \advance\if@RTL\rightskip\else\leftskip\fi-\@tempdima
21440   \edef\@tempa{%
21441     \noexpand\global\noexpand\let
21442     \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
21443     \expandafter\noexpand\csname l@#1\endcsname
21444     \noexpand\gdef
21445     \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
21446       \noexpand\@dottedtocline{#2}{\the\if@RTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
21447     \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l{%
21448       \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
21449       \expandafter\noexpand\csname tocstyle@l@#1\endcsname
21450     }%
21451   }%
21452   \PackageInfo{tocstyle}{prepare \expandafter\string
21453     \csname l@#1\endcsname\space for redefinition}%
21454   \@tempa
21455 }

```

## 131 File todonotes-xetex-bidi.def

```

21456 \ProvidesFile{todonotes-xetex-bidi.def}[2016/11/08 v0.4 bidi adaptations for todonotes packa
21457 \newif\if@bidi@todonotes@textdirection@RTL
21458 \newif\if@bidi@todonotes@figposition@right
21459 \newcommand{\@bidi@todonotes@align}{}%
21460 \define@key{todonotes}{align}{\renewcommand{\@bidi@todonotes@align}{#1}}%
21461 \newcommand{\@bidi@todonotes@textdirection}{}%
21462 \define@choicekey{todonotes}{textdirection}[\@bidi@todonotes@tempa\@bidi@todonotes@tempb]{right,
21463   \ifcase\@bidi@todonotes@tempb\relax
21464     \@bidi@todonotes@textdirection@RTLtrue
21465     \let\@bidi@todonotes@textdirection\RLE
21466   \or
21467     \@bidi@todonotes@textdirection@RTLfalse
21468     \let\@bidi@todonotes@textdirection\LRE
21469   \fi}
21470 \define@choicekey{todonotes}{figposition}[\@bidi@todonotes@tempa\@bidi@todonotes@tempb]{right,
21471   \ifcase\@bidi@todonotes@tempb\relax
21472     \@bidi@todonotes@figposition@righttrue
21473   \or
21474     \@bidi@todonotes@figposition@rightfalse
21475   \fi}
21476 \if@todonotes@disabled%
21477 \else % \if@todonotes@disabled
21478 \renewcommand{\@todonotes@drawInlineNote}{%

```



```

21479 \if@todonotes@dviStyle%
21480     {\par\noindent\begin{tikzpicture}[remember picture]%
21481         \draw node[inlinenotestyle] {};\end{tikzpicture}\par}%
21482     \if@todonotes@authorgiven%
21483         {\noindent \@todonotes@sizecommand \@todonotes@author:\,\@todonotes@text}%
21484     \else%
21485         {\noindent \@todonotes@sizecommand \@todonotes@text}%
21486     \fi
21487     {\par\noindent\begin{tikzpicture}[remember picture]%
21488         \draw node[inlinenotestyle] {};\end{tikzpicture}\par}%
21489 \else%
21490     {\par\noindent\begin{tikzpicture}[remember picture]%
21491         \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
21492         \draw node[inlinenotestyle,font=\@todonotes@sizecommand,align=\@bidi@todonotes@
21493             \if@todonotes@authorgiven%
21494                 {\noindent \@todonotes@sizecommand \@todonotes@author:\,\@todonotes@text
21495             \else%
21496                 {\noindent \@todonotes@sizecommand \@todonotes@text}%
21497             \fi};%
21498         \end{tikzpicture}\par}%
21499     \fi}%
21500 \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
21501 \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
21502     \node [coordinate] (inText) {};%
21503 \end{tikzpicture}%
21504 \marginpar[{\% Draw note in left margin
21505     \@todonotes@drawMarginNote%
21506     \if@RTL\@todonotes@drawLineToRightMargin\else\@todonotes@drawLineToLeftMargin\fi%
21507 }]{\% Draw note in right margin
21508     \@todonotes@drawMarginNote%
21509     \if@RTL\@todonotes@drawLineToLeftMargin\else\@todonotes@drawLineToRightMargin\fi%
21510 }%
21511 }%
21512 \renewcommand{\@todonotes@drawMarginNote}{%
21513 \if@todonotes@dviStyle%
21514     \begin{tikzpicture}[remember picture]%
21515         \draw node[notestyle] {};%
21516     \end{tikzpicture}\\%
21517     \begin{minipage}{\@todonotes@textwidth}%
21518     \if@todonotes@authorgiven%
21519         \@todonotes@sizecommand \@todonotes@author \@todonotes@text%
21520     \else%
21521         \@todonotes@sizecommand \@todonotes@text%
21522     \fi%
21523     \end{minipage}\\%
21524     \begin{tikzpicture}[remember picture]%
21525         \draw node[notestyle] (inNote) {};%
21526     \end{tikzpicture}%
21527 \else%
21528     \let\originalHbadness\hbadness%
21529     \hbadness 100000%
21530     \begin{tikzpicture}[remember picture,baseline=(X.base)]%
21531         \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
21532         \node(X){\vphantom{X}};%

```



```

21533 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@
21534 {\@todonotes@text};%
21535 \if@todonotes@authorgiven%
21536 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@
21537 {\@todonotes@sizecommand\@todonotes@author};%
21538 \node(Y)[below=of X]{};%
21539 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@
21540 {\@todonotes@text};%
21541 \else%
21542 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@
21543 {\@todonotes@text};%
21544 \fi%
21545 \end{tikzpicture}%
21546 \hbadness \originalHbadness%
21547 \fi}%
21548 \renewcommand{\missingfigure}[2][]{%
21549 \setkeys{todonotes}{#1}%
21550 \addcontentsline{tdo}{todo}{\@todonotes@MissingFigureText: #2}%
21551 \par
21552 \noindent
21553 \begin{tikzpicture}
21554 \draw[fill=\@todonotes@currentfigcolor, draw = black!40, line width=2pt]
21555 (-2, -2.5) rectangle +(\@todonotes@currentfigwidth, \@todonotes@currentfigheight);
21556 \if@bidi@todonotes@figposition@right%
21557 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
21558 \fi%
21559 \draw[red, fill=white, rounded corners = 5pt, line width=10pt]
21560 (30:2cm) -- (150:2cm) -- (270:2cm) -- cycle;
21561 \if@bidi@todonotes@figposition@right%
21562 \end{scope}
21563 \begin{scope}[xshift=-3.8cm]
21564 \fi%
21565 \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
21566 \draw (2, -0.3) node[right, text
21567 width=\@todonotes@currentfigwidth-4.5cm,align=\@bidi@todonotes@align] {#2};
21568 \if@bidi@todonotes@figposition@right%
21569 \end{scope}
21570 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
21571 \fi%
21572 \draw (0, 0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@
21573 \draw (0, -0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@
21574 \if@bidi@todonotes@figposition@right%
21575 \end{scope}
21576 \fi%
21577 \end{tikzpicture}}\hfill
21578}% Ending \missingfigure command
21579 \fi % Ending \@todonotes@ifdisabled
21580 \presetkeys%
21581 {todonotes}%
21582 {align=left,%
21583 textdirection=lefttoright,%
21584 figposition=left}}}%

```



## 132 File wrapfig-xetex-bidi.def

```

21585 \ProvidesFile{wrapfig-xetex-bidi.def}[2014/04/23 v0.3 bidi adaptations for wrapfig package f
21586 \let\WF@everypar\@everypar\@everypar
21587 \def\WF@putfigmaybe{%
21588 \ifinner
21589 \vskip-\parskip \global\WF@floatfalse
21590 \let\pagetotal\maxdimen % kludge flag for "not top of page"
21591 \else % outer page
21592 \@tempdima\pagedepth % save page depth
21593 {\advance\parskip\@tempdima\ifRTL\advance\parskip\baselineskip\fi\vskip-\parskip}% back
21594 \penalty\interlinepenalty % update pg. parameters
21595 \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
21596 \ifdim\@tempdimb<z@ % \WF@info{Page overfull already;}%
21597 \global\WF@floatfalse
21598 \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
21599 \else
21600 \ifdim\WF@size>\@tempdimb
21601 \ifWF@float \dimen@.5\baselineskip \else \dimen@ 2\baselineskip\fi
21602 \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
21603 \ifdim\pagefillstretch>z@ \dimen@\@tempdimb \fi
21604 \ifdim\pagefillstretch>z@ \dimen@\@tempdimb \fi
21605 \advance\dimen@.5\baselineskip
21606 \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch;}%
21607 \global\WF@floatfalse \pagebreak
21608 \fi
21609 \else % \WF@info{Fits in \the\@tempdimb;}%
21610 \global\WF@floatfalse
21611 \fi\fi
21612 \vskip\@tempdima\relax % (return erased page depth)
21613 \fi
21614 \noindent
21615 \ifWF@float
21616 \WF@fltnes
21617 \else % putting here;
21618 \WF@info{Put \WF@wfname here;}%
21619 {\ifodd\if@twoside\c@page\else\@ne\fi % assign l/r to i/o placement
21620 \lccode`i`\lccode`o`r\else \lccode`i`r\lccode`o`l\fi
21621 \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
21622 \hbox to z@{\llap or rlap depending on {l} or {r}; calc effective width
21623 \@tempdima\wd\WF@box \@tempdimb\WF@ovh
21624 \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
21625 \@tempdimb\hsize \advance\@tempdimb-\@tempdima
21626 \xdef\WF@adjlw{\the\@tempdima}%
21627 \ifnum `l=\WF@place % fig on left
21628 \ifRTL%
21629 \kern\@tempdimb \kern\columnsep
21630 \def\@tempa{\hss}% position to left of the gap
21631 \else%
21632 \hss % figure overlaps space to the left
21633 \def\@tempa{\kern\columnsep}% position to left of the gap
21634 \fi%
21635 \else % fig on right
21636 \ifRTL%

```



```

21637 \hss
21638 \@tempdima\z@
21639 \def\@tempa{\kern\columnsep}
21640 \else%
21641 \@tempdima\z@ % no left indentation
21642 \kern\@tempdimb \kern\columnsep
21643 \def\@tempa{\hss}% figure overlaps space to the right
21644 \fi%
21645 \fi
21646 \ifdim\@tempdimb<\hsize
21647 \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
21648 \xdef\WF@adjtlm{\the\@tempdima}%
21649 \else
21650 \xdef\WF@wrapil{\z@ \the\hsize}%
21651 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
21652 \fi
21653 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
21654 \global\advance\WF@size-\intextsep
21655 \else % \WF@info{Putting \WF@wfname in middle of page}%
21656 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
21657 \fi \dp\WF@box\z@ \box\WF@box \@tempa
21658 }% end \hbox to 0pt
21659 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
21660 \fi}

```

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

```

21661 \ProvidesFile{xcolor-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for xcolor package for
21662 \long\def\color@b@x#1#2#3%
21663 {\leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
21664 \setbox\z@\hbox{\kern\fbboxsep{\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
21665 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
21666 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
21667 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
21668 \def\normalcolor{\let\currentcolor\defaultcolor\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
21669 \DeclareRobustCommand\color
21670 {\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor]}
21671 \def\@undeclaredcolor[#1]#2%
21672 {\begingroup
21673 \let\@cls\@empty
21674 \XC@getmodclr12{#1}{#2}{}}%
21675 {\ifblendcolors
21676 \ifx\colorblend\@empty\else
21677 \edef\@mix{\expandafter\@gobble\colorblend}\@tempswafalse
21678 \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
21679 \fi
21680 \fi
21681 \ifconvertcolorsU
21682 \edef\@tmp{\XC@tgt@mod{\@mod}}%
21683 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
21684 \fi
21685 \ifmaskcolors
21686 \convertcolorspec\@mod\@clr\XC@mmod\@clr
21687 \let\@mod\XC@mmod

```



```

21688 \XC@inflate\@mod\XC@mclr\@clr\@tmp
21689 \expandafter\XC@mul\@tmp,\@clr
21690 \fi
21691 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
21692 \expandafter\endgroup\@tmp}}
21693 \def\@declaredcolor#1%
21694 {\XC@edef\XC@tmp{#1}\XC@tstfalse
21695 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
21696 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
21697 \ifconvertcolorsU\XC@tsttrue\fi
21698 \fi
21699 \ifXC@tst
21700 \expandafter\XC@declaredcolor\else
21701 \expandafter\XC@declaredcolor\fi}
21702 \def\XC@undeclaredcolor#1#2%
21703 {\@ifundefinedmodel{#1}%
21704 {\c@lor@error{model `#1'}}%
21705 {\@nameuse{color@#1}\current@color{#2}}%
21706 \edef\XC@current@color{\noexpand\xcolor@}{\current@color}{#1}{#2}}%
21707 \XC@display}\ifhmode\ifRTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
21708 \def\XC@declaredcolor
21709 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
21710 \edef\current@color{\XC@current@color}%
21711 \XC@display\ifhmode\ifRTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
21712 \DeclareRobustCommand\bidicolor
21713 {\@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}
21714 \def\@bidiundeclaredcolor[#1]#2%
21715 {\begingroup
21716 \let\@cls\@empty
21717 \XC@getmodclr12{#1}{#2}{}}%
21718 {\ifblendcolors
21719 \ifx\colorblend\@empty\else
21720 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
21721 \XC@coremodel\@mod\@clr\xcolor@}{\@mod\@clr
21722 \fi
21723 \fi
21724 \ifconvertcolorsU
21725 \edef\@tmp{\XC@tgt@mod{\@mod}}%
21726 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
21727 \fi
21728 \ifmaskcolors
21729 \convertcolorspec\@mod\@clr\XC@mmod\@clr
21730 \let\@mod\XC@mmod
21731 \XC@inflate\@mod\XC@mclr\@clr\@tmp
21732 \expandafter\XC@mul\@tmp,\@clr
21733 \fi
21734 \edef\@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
21735 \expandafter\endgroup\@tmp}}
21736 \def\XC@bidiundeclaredcolor#1#2%
21737 {\@ifundefinedmodel{#1}%
21738 {\c@lor@error{model `#1'}}%
21739 {\@nameuse{color@#1}\current@color{#2}}%
21740 \edef\XC@current@color{\noexpand\xcolor@}{\current@color}{#1}{#2}}%
21741 \XC@display}}

```



```

21742 \def\@bidideclaredcolor#1%
21743 {\XC@edef\XC@@tmp{#1}\XC@@tstfalse
21744 \ifcase\XC@type\XC@@tmp\relax \XC@@tsttrue\or \relax\else
21745 \ifblendcolors\XC@@tsttrue\fi \ifmaskcolors\XC@@tsttrue\fi
21746 \ifconvertcolorsU\XC@@tsttrue\fi
21747 \fi
21748 \ifXC@@tst
21749 \expandafter\XC@bidideclaredcolor\else
21750 \expandafter\XC@bidideclaredcolor\fi}
21751 \def\XC@bidideclaredcolor
21752 {\XC@split\XC@@tmp
21753 \edef\@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}%
21754 \expandafter\endgroup\@tmp}
21755 \def\XC@bidideclaredcolor
21756 {\XC@let\XC@current@color{\string\color@\XC@@tmp}%
21757 \edef\current@color{\XC@current@color}%
21758 \XC@display}
21759 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
21760 \def\color@fbbox#1#2#3{\protect\color@fbx{#1}{#2}{#3}}
21761 \def\color@fb@x#1#2#3#4%
21762 {\color@b@x{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
21763 {\@ifempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}
21764 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

## 134 File latex-xetex-bidi.def

```

21765 \ProvidesFile{latex-xetex-bidi.def}[2022/02/18 v1.4.0 bidi adaptations for `latex.ltx' for
21766 \newcommand{\TeXXeTOn}{\TeXXeTstate\@ne}
21767 \newcommand{\TeXXeTOff}{\TeXXeTstate\z@}
21768 \TeXXeTOn
21769 \def\bidi@RTL@everypar{\setbox\z@ \lastbox\if@RTL\beginR\else\beginL\fi\ifvoid\z@\else\usebox\z@}
21770 \let\bidi@o@everypar=\everypar
21771 \newtoks\bidi@n@everypar
21772 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
21773 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
21774 \let\everypar=\bidi@n@everypar
21775 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
21776 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
21777 \protected\def\hboxR{\hbox\bgroup
21778 \everyhbox{%
21779 \aftergroup\egroup
21780 \everyhbox{}}%
21781 \beginR
21782 \@hboxRconstructtrue
21783 \bgroup
21784 \aftergroup\endR
21785 \aftergroup\egroup
21786 }\hbox}
21787 \protected\def\hboxL{\hbox\bgroup
21788 \everyhbox{%
21789 \aftergroup\egroup
21790 \everyhbox{}}%
21791 \beginL
21792 \@hboxRconstructfalse

```



```

21793 \bgroup
21794 \aftergroup\endL
21795 \aftergroup\egroup
21796 }\hbox}
21797 \protected\def\ vboxR{\ vbox\bgroup
21798 \everyvbox{%
21799 \aftergroup\egroup
21800 \everyvbox{}}%
21801 \@RTLtrue
21802 \@RTLtabtrue
21803 \bgroup
21804 \aftergroup\egroup
21805 }\vbox}
21806 \protected\def\ vboxL{\ vbox\bgroup
21807 \everyvbox{%
21808 \aftergroup\egroup
21809 \everyvbox{}}%
21810 \@RTLfalse
21811 \@RTLtabfalse
21812 \bgroup
21813 \aftergroup\egroup
21814 }\vbox}
21815 \newcommand*{\ bidi@leftskip}{\ if@RTL\rightskip\else\leftskip\fi}
21816 \newcommand*{\ bidi@rightskip}{\ if@RTL\leftskip\else\rightskip\fi}
21817 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\@RTLtabfalse\hsize\linewidth\parshape\z@\bidi@beamer}
21818 \def\endLTR{\par}
21819 \newenvironment{LTR*}{\LTR
21820 \everypar{%
21821 {\setbox\z@\lastbox
21822 \ifvoid\z@
21823 \kern-\parindent
21824 \fi}%
21825 }%
21826 }\endLTR\@endpetrue}
21827 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\@RTLtabtrue\hsize\linewidth\parshape\z@\bidi@beamer}
21828 \def\endRTL{\par}
21829 \newenvironment{RTL*}{\RTL
21830 \everypar{%
21831 {\setbox\z@\lastbox
21832 \ifvoid\z@
21833 \kern-\parindent
21834 \fi}%
21835 }%
21836 }\endRTL\@endpetrue}
21837 \def\setRTL{\@RTLtrue\@RTL@footnotetrue\@RTLtabtrue\bidi@beamer@ragged}
21838 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\@RTLtabfalse\bidi@beamer@ragged}
21839 \let\unsetRTL=\setLTR
21840 \let\unsetLTR=\setRTL
21841 \let\LR=\LRE
21842 \let\RL=\RLE
21843 \def\@ensure@RTL#1{\ if@RTL#1\else\RLE{#1}\fi}
21844 \def\@ensure@LTR#1{\ if@RTL\LRE{#1}\else#1\fi}
21845 \let\@ensure@RL=\@ensure@RTL
21846 \let\@ensure@LR=\@ensure@LTR

```





```

21847 \def\@ensure@dir#1{\if@RTL\RL{#1}\else{#1}\fi}
21848 \let\@ensure@maindir=\@ensure@dir
21849 \def\@RTL{RTL}
21850 \def\@LTR{LTR}
21851 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
21852 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
21853 \let\@TeX\TeX
21854 \def\TeX{\@ensure@LTR{\@TeX}}
21855 \let\@LaTeX\LaTeX
21856 \def\LaTeX{\@ensure@LTR{\@LaTeX}}
21857 \let\@LaTeXe\LaTeXe
21858 \def\LaTeXe{\@ensure@LTR{\@LaTeXe}}
21859 \long\def\@bidi@reflect@box#1{%
21860   \leavevmode
21861   \setbox\z@\hbox{#1}%
21862   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
21863   \hb@xt@\wd\z@{\kern\wd\z@\box\tw@\hss}%
21864 }
21865 \bidi@newrobustcmd*\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
21866   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
21867 \bidi@newrobustcmd*\XeLaTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
21868   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \LaTeX}}$}}
21869 \let\setRL=\setRTL
21870 \let\setLR=\setLTR
21871 \let\unsetRL=\setLTR
21872 \def\@bidi@tabular@RTLcases{\let\@halignto\@empty\@bidi@tabular@RTLcases}
21873 \ifpackageloaded{array}{%
21874 \def\@bidi@tabular@RTLcases{\@RTLtabtrue%
21875   \leavevmode
21876   \hbox \bgroup $\left.\col@sep\tabcolsep \let\dollarbegin\begin\group
21877   \let\dollarend\end\group
21878   \@tabarray}
21879 \def\endbidi@tabular@RTLcases{\endarray \right\rbrace$\egroup}
21880 }{%
21881 \def\@bidi@tabular@RTLcases{\@RTLtabtrue%
21882   \leavevmode \hbox \bgroup
21883   $\left.\let\@acol\@tabacol
21884   \let\@classz\@tabclassz
21885   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
21886
21887 \def\endbidi@tabular@RTLcases{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
21888   \egroup\right\rbrace $\egroup}}
21889 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
21890   \ialign{##\hfil$\quad{##}\hfil\crr#1\crr}}\,\right\}}
21891 \renewenvironment{RTLcases}{%
21892   \bidi@matrix@check\RTLcases\env@RTLcases
21893 }{%
21894   \endbidi@tabular@RTLcases%
21895 }
21896 \def\env@RTLcases{%
21897   \let\@ifnextchar\bidi@new@ifnextchar
21898   \def\arraystretch{1.2}%
21899   \bidi@tabular@RTLcases{@{}r@{\quad}r@{}}%
21900 }

```



```

21901 \def\SepMark#1{\gdef\@SepMark{#1}}
21902 \SepMark{.}
21903 \def\@thmcountersep{\@SepMark}
21904 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
21905 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
21906 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
21907 \newcommand*{\bidi@thebibliography@font@hook}{}
21908 \def\list#1#2{%
21909   \ifnum \@listdepth >5\relax
21910     \@toodeep
21911   \else
21912     \global\advance\@listdepth\@ne
21913   \fi
21914   \rightmargin\z@
21915   \listparindent\z@
21916   \itemindent\z@
21917   \csname @list\romannumeral\the\@listdepth\endcsname
21918   \def\@itemlabel{#1}%
21919   \let\makelabel\@mklab
21920   \@nmbrlistfalse
21921   #2\relax
21922   \@trivlist
21923   \parskip\parsep
21924   \parindent\listparindent
21925   \advance\linewidth -\rightmargin
21926   \advance\linewidth -\leftmargin
21927   \if@bidi@list@minipage@parbox
21928     \if@RTL
21929       \advance\@totalleftmargin \leftmargin
21930     \else
21931       \advance\@totalleftmargin \rightmargin
21932     \fi
21933   \else
21934     \if@hboxRconstruct
21935       \if@bidi@list@minipage@parbox@not@nob
21936       \if@RTL
21937         \advance\@totalleftmargin \rightmargin
21938       \else
21939         \advance\@totalleftmargin \leftmargin
21940       \fi
21941     \else
21942       \if@RTL
21943         \advance\@totalleftmargin \leftmargin
21944       \else
21945         \advance\@totalleftmargin \rightmargin
21946       \fi\fi
21947     \else
21948       \if@RTL
21949         \advance\@totalleftmargin \rightmargin
21950       \else
21951         \advance\@totalleftmargin \leftmargin
21952       \fi\fi\fi
21953   \parshape \@ne \@totalleftmargin \linewidth
21954   \ignorespaces}

```



```

21955 \long\def\@iiiparbox#1#2[#3]#4#5{%
21956   \leavevmode
21957   \@pboxswfalse
21958   \if@hboxRconstruct
21959     \@bidi@list@minipage@parbox@not@nobtrue
21960   \fi
21961   \if@RTL
21962     \ifx#1t%
21963       \@bidi@list@minipage@parboxtrue
21964     \else
21965       \ifx#1b%
21966         \@bidi@list@minipage@parboxtrue
21967       \fi
21968     \fi
21969   \fi
21970   \setlength\@tempdima{#4}%
21971   \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@@par}%
21972   \ifx\relax#2\else
21973     \setlength\@tempdimb{#2}%
21974     \edef\@parboxto{to\the\@tempdimb}%
21975   \fi
21976   \if#1b\vbox
21977   \else\if #1t\vtop
21978   \else\ifmmode\vcenter
21979   \else\@pboxswtrue $\vcenter
21980   \fi\fi\fi
21981   \@parboxto{\let\hss\vss\let\unhbox\unvbox
21982     \csname bm@#3\endcsname}%
21983   \if@pboxsw \m@th$\fi
21984   \@end@tempboxa}
21985 \newenvironment{LTRitems}
21986   {\par\@RTLfalse\@RTLtabfalse
21987    \if@bidi@list@minipage@parbox
21988      \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
21989    \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
21990      \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
21991      \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
21992    \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
21993    \ignorespaces}{\vskip\z@}
21994 \newenvironment{RTLitems}
21995   {\par\@RTLtrue\@RTLtabtrue
21996    \if@bidi@list@minipage@parbox
21997      \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
21998    \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
21999      \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
22000      \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
22001    \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
22002    \ignorespaces}{\vskip\z@}
22003 \newenvironment{LTRbibitems}
22004   {\par\@RTLfalse\@RTLtabfalse
22005    \if@bidi@list@minipage@parbox
22006      \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
22007    \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
22008      \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else

```



```

22009          \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
22010          \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
22011          \ignorespaces}{\vskip\z@}
22012 \newenvironment{RTLbibitems}
22013         {\par\@RTLtrue\@RTLtabtrue
22014          \if@bidi@list@minipage@parbox
22015          \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
22016          \else \if@hboxRconstruct\if@bidi@list@minipage@parbox@not@nob
22017          \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
22018          \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
22019          \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
22020          \ignorespaces}{\vskip\z@}
22021 \def\raggedright{%
22022   \let\\\@centercr\@rightskip\@flushglue \rightskip\@rightskip
22023   \leftskip\z@skip
22024   \parindent\z@\parfillskip\z@skip}
22025 \let\@bidi@orig@raggedleft\raggedleft
22026 \let\@bidi@orig@raggedright\raggedright
22027 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\@bidi@orig@raggedright\else\if@hboxRco
22028 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\@bidi@orig@raggedleft\else\if@hboxRco
22029 \newcommand{\@bidi@raggedright}{\if@RTL\raggedleft\else\raggedright\fi}
22030 \newcommand{\@bidi@raggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
22031 \def\centerline#1{%
22032 \if@RTL\@@line{\hss\beginR#1\endR\hss}
22033 \else\@@line{\hss#1\hss}\fi}
22034 \def\leftline#1{%
22035 \if@RTL\@@line{\beginR#1\endR\hss}
22036 \else\@@line{#1\hss}\fi}
22037 \def\rightline#1{%
22038 \if@RTL\@@line{\hss\beginR#1\endR}
22039 \else\@@line{\hss#1}\fi}
22040 \let\@bidi@orig@leftline\leftline
22041 \let\@bidi@orig@rightline\rightline
22042 \def\leftline#1{\ifhmode\if@RTL\@bidi@orig@rightline{#1}\else\@bidi@orig@leftline{#1}\fi\else\
22043 \def\rightline#1{\ifhmode\if@RTL\@bidi@orig@leftline{#1}\else\@bidi@orig@rightline{#1}\fi\else\
22044 \def\bidirlap#1{\hb@xt@\z@{\if@RTL\hss\fi#1\if@RTL\else\hss\fi}}
22045 \def\bidillap#1{\hb@xt@\z@{\if@RTL\else\hss\fi#1\if@RTL\hss\fi}}
22046 \def\@hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
22047   \hangindent \if@RTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
22048 \def\narrower{%
22049   \advance\if@RTL\rightskip\else\leftskip\fi\parindent
22050   \advance\if@RTL\leftskip\else\rightskip\fi\parindent}
22051 \def\underline#1{%
22052   \relax
22053   \ifmmode\@@underline{#1}%
22054   \else
22055   \if@RTL $\@@underline{\hbox{\beginR#1\endR}}\m@th$\relax
22056   \else
22057   $\@@underline{\hbox{#1}}\m@th$\relax\fi\fi}
22058 \if@compatibility
22059   \let\underline=\underline
22060 \fi
22061 \def\@tabular{%
22062   \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi

```



```

22063 $\let\@acol\@tabacol
22064 \let\@classz\@tabclassz
22065 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
22066 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
22067 \egroup $\if@RTLtab\endR\fi\egroup}
22068 \expandafter \let \csname endtabular*\endcsname = \endtabular
22069 \def\@array[#1]#2{%
22070 \if #1t\top \else \if#1b\box \else \vcenter \fi\fi
22071 \bgroup
22072 \setbox\@arstrutbox\hbox{%
22073 \vrule \@height\arraystretch\ht\strutbox
22074 \depth\arraystretch\dp\strutbox
22075 \width\z@}%
22076 \mkpream{#2}%
22077 \edef\@preamble{%
22078 \ialign \noexpand\@halignto
22079 \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
22080 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
22081 \let\@tabularnewline\\
22082 \let\par\@empty
22083 \let\@sharp##%
22084 \set@typeset@protect
22085 \lineskip\z@skip\baselineskip\z@skip
22086 \ifhmode \@preamerr\z@ \@@par\fi
22087 \if@RTLtab\hbox\bgroup\beginR\@hboxRconstructtrue\if #1t\top \else \box \fi\bgroup\fi
22088 \preamble}
22089 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
22090 \let\@classiv\@arrayclassiv
22091 \let\\\@arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
22092 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
22093 \ifnum \@lastchclass=3 5 \else
22094 \z@ \if #1c\@chnum \z@ \else
22095 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
22096 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
22097 \@chclass \if #1|\@ne \else
22098 \if #1@\tw@ \else
22099 \if #1p3 \else \z@ \@preamerr 0\fi
22100 \fi \fi \fi \fi \fi \fi
22101 \fi}
22102 \def\bm@l{\if@RTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
22103 \def\bm@r{\if@RTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
22104 \def\bm@t{\unhbox\@tempboxa\hss}
22105 \def\bm@b{\hss\unhbox\@tempboxa}
22106 \def\@dottedtocline#1#2#3#4#5{%
22107 \ifnum #1>\c@tocdepth \else
22108 \vskip \z@ \@plus.2\p@
22109 {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@ocrma
22110 \parindent #2\relax\@afterindenttrue
22111 \interlinepenalty\@M
22112 \leavevmode
22113 \@tempdima #3\relax
22114 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
22115 {#4}\nobreak
22116 \leaders\hbox{$\m@th

```



```

22117      \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
22118      mu$}\hfill
22119      \nobreak
22120      \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
22121      \par}%
22122  \fi}
22123
22124 \newcount\ bidi@column@check@number
22125
22126 \def\ bidi@column@status#1{\gdef\ bidi@current@column@status{#1}}
22127
22128 \def\ bidi@set@column@status#1#2{%
22129   \global\expandafter\let\csname #1\endcsname\ bidi@current@column@status}
22130
22131 \if@twocolumn
22132 \newcommand\DetectColumn[3][1]{%
22133   \ifx\ bidi@firstcolumn@status@write\relax
22134     \PackageError{bidi}%
22135       {Option 'DetectColumn' not selected}%
22136       {\string\DetectColumn\space
22137        requires the use of the 'DetectColumn'
22138        option on the package}%
22139   \fi
22140   \global\advance\ bidi@column@check@number\@ne
22141   \edef\ bidi@column@type{\expandafter\ifx
22142     \csname bidi@column-\the\ bidi@column@check@number\endcsname\relax
22143     0\else
22144     \csname bidi@column-\the\ bidi@column@check@number\endcsname
22145     \fi}%
22146   \ifcase \ bidi@column@type\relax
22147     \ifcase #1\or #2\or #3\fi % 0 not known use first column as default
22148   \or
22149     #2% % 1 First column
22150   \or
22151     #3% % 2 Second (Last column)
22152   \else
22153     \ERROR
22154   \fi
22155   \edef\next{\write\@auxout
22156     {\string\ bidi@set@column@status{\ bidi@column-\the\ bidi@column@check@number}}%
22157     {\ bidi@column@type}}}%
22158   \next
22159 }
22160
22161 \AtEndDocument{\def\ bidi@set@column@status#1#2{%
22162   \ifnum #2=\ bidi@current@column@status\else
22163     \@tempwattrue
22164     \fi}%
22165 }
22166 \fi
22167
22168 \def\RTL@outputdblcol{%
22169   \if@firstcolumn
22170     \global\@firstcolumnfalse

```



```

22171 \global\setbox\@leftcolumn\copy\@outputbox
22172 \splitmaxdepth\maxdimen
22173 \vbadness\maxdimen
22174 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
22175 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
22176 \toks@\expandafter{\topmark}%
22177 \xdef\@firstcoltopmark{\the\toks@}%
22178 \toks@\expandafter{\splitfirstmark}%
22179 \xdef\@firstcolfirstmark{\the\toks@}%
22180 \ifx\@firstcolfirstmark\@empty
22181 \global\let\@setmarks\relax
22182 \else
22183 \gdef\@setmarks{%
22184 \let\firstmark\@firstcolfirstmark
22185 \let\topmark\@firstcoltopmark}%
22186 \fi
22187 \else
22188 \global\@firstcolumntrue
22189 \setbox\@outputbox\vbox{%
22190 \hb@xt@\textwidth{%
22191 \hskip \columnwidth
22192 \hfil
22193 {\normalcolor\vrule \@width\columnseprule}%
22194 \hfil
22195 \hb@xt@\columnwidth{%
22196 \bidi@firstcolumn@status@write%
22197 \box\@leftcolumn \hss}%
22198 \hskip -\textwidth
22199 \hb@xt@\columnwidth{%
22200 \bidi@lastcolumn@status@write%
22201 \box\@outputbox \hss}%
22202 \hskip \columnsep
22203 \hskip \columnwidth }}%
22204 \@combinedblfloats
22205 \@setmarks
22206 \@outputpage
22207 \begingroup
22208 \@dblfloatplacement
22209 \@startdblcolumn
22210 \@whilesw\if@fcolmade \fi{\@outputpage
22211 \@startdblcolumn}%
22212 \endgroup
22213 \fi}%
22214
22215 \def\LTR@outputdblcol{%
22216 \if@firstcolumn
22217 \global\@firstcolumnfalse
22218 \global\setbox\@leftcolumn\copy\@outputbox
22219 \splitmaxdepth\maxdimen
22220 \vbadness\maxdimen
22221 \setbox\@outputbox\vbox{\unvbox\@outputbox\unskip}%
22222 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
22223 \toks@\expandafter{\topmark}%
22224 \xdef\@firstcoltopmark{\the\toks@}%

```



```

22225 \toks@\expandafter{\splitfirstmark}%
22226 \xdef\@firstcolfirstmark{\the\toks@}%
22227 \ifx\@firstcolfirstmark\@empty
22228 \global\let\@setmarks\relax
22229 \else
22230 \gdef\@setmarks{%
22231 \let\firstmark\@firstcolfirstmark
22232 \let\topmark\@firstcoltopmark}%
22233 \fi
22234 \else
22235 \global\@firstcolumntrue
22236 \setbox\@outputbox\vbox{%
22237 \hb@xt@\textwidth{%
22238 \hb@xt@\columnwidth{%
22239 \bidi@firstcolumn@status@write%
22240 \box\@leftcolumn \hss}%
22241 \hfil
22242 {\normalcolor\vrule \@width\columnseprule}%
22243 \hfil
22244 \hb@xt@\columnwidth{%
22245 \bidi@lastcolumn@status@write%
22246 \box\@outputbox \hss}}}%
22247 \@combinedblfloats
22248 \@setmarks
22249 \@outputpage
22250 \beginingroup
22251 \@dblfloatplacement
22252 \@startdblcolumn
22253 \@whilesw\if@fcolmade \fi{\@outputpage
22254 \@startdblcolumn}%
22255 \endgroup
22256 \fi}%
22257
22258
22259 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
22260 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
22261 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
22262
22263 \bidi@patchcmd\@makecol{%
22264 \ifvoid\footins
22265 \setbox\@outputbox \box\@cclv
22266 \else
22267 \setbox\@outputbox \vbox {%
22268 \boxmaxdepth \@maxdepth
22269 \unvbox \@cclv
22270 \vskip \skip\footins
22271 \color@beginingroup
22272 \normalcolor
22273 \footnoterule
22274 \unvbox \footins
22275 \color@endgroup
22276 }%
22277 \fi
22278 }{%

```





```

22279 \ifvoid\footins
22280 \ifvoid\@bidi@copyins@
22281 \setbox\@outputbox \box\@cclv
22282 \else
22283 \setbox\@outputbox \vbox {%
22284 \boxmaxdepth \@maxdepth
22285 \unvbox \@cclv
22286 \vskip \skip\@bidi@copyins@
22287 \color@begingroup
22288 \normalcolor
22289 \unvbox \@bidi@copyins@
22290 \color@endgroup
22291 }%
22292 \fi
22293 \else
22294 \setbox\@outputbox \vbox {%
22295 \boxmaxdepth \@maxdepth
22296 \unvbox \@cclv
22297 \vskip \skip\footins
22298 \color@begingroup
22299 \normalcolor
22300 \footnoterule
22301 \unvbox \footins
22302 \color@endgroup
22303 \ifvoid\@bidi@copyins@
22304 \else
22305 \vskip \skip\@bidi@copyins@
22306 \color@begingroup
22307 \normalcolor
22308 \unvbox \@bidi@copyins@
22309 \color@endgroup
22310 \fi
22311 }%
22312 \fi
22313 }{}{}
22314
22315 \def\LTRmarginpar{%
22316 \ifhmode
22317 \@bsphack
22318 \@floatpenalty -\@Mii
22319 \else
22320 \@floatpenalty-\@Miii
22321 \fi
22322 \ifinner
22323 \@parmoderr
22324 \@floatpenalty\z@
22325 \else
22326 \@next\@currbox\@freelist{}{}%
22327 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
22328 {\@floatpenalty\z@
22329 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
22330 \fi
22331 \@ifnextchar [\@LTRxmpar\@LTRympar}
22332 \long\def\@LTRxmpar[#1]#2{%

```



```

22333 \@LTRsavemarbox\@marbox{#1}%
22334 \@LTRsavemarbox\@currbox{#2}%
22335 \@xympar}
22336 \long\def\@LTRympar#1{%
22337 \@LTRsavemarbox\@marbox{#1}%
22338 \global\setbox\@currbox\copy\@marbox
22339 \@xympar}
22340 \long\def \@LTRsavemarbox #1#2{%
22341 \global\setbox #1%
22342 \color@vbox
22343 \vtop{%
22344 \hsize\marginparwidth
22345 \parboxrestore
22346 \@LTRmarginparreset
22347 #2%
22348 \@minipagefalse
22349 \outer@nobreak
22350 }%
22351 \color@endbox
22352 }
22353 \def \@LTRmarginparreset {%
22354 \reset@font
22355 \normalsize
22356 \@minipagetrue
22357 \everypar{\@minipagefalse\everypar{}\beginL}%
22358 }
22359 \def\RTLmarginpar{%
22360 \ifhmode
22361 \@bsphack
22362 \@floatpenalty -\@Mii
22363 \else
22364 \@floatpenalty-\@Miii
22365 \fi
22366 \ifinner
22367 \@parmoderr
22368 \@floatpenalty\z@
22369 \else
22370 \@next\@currbox\@freelist{}\}%
22371 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
22372 {\@floatpenalty\z@
22373 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
22374 \fi
22375 \ifnextchar [\@RTLxmpar\@RTLympar}
22376 \long\def\@RTLxmpar[#1]#2{%
22377 \@RTLSavemarbox\@marbox{#1}%
22378 \@RTLSavemarbox\@currbox{#2}%
22379 \@xympar}
22380 \long\def\@RTLympar#1{%
22381 \@RTLSavemarbox\@marbox{#1}%
22382 \global\setbox\@currbox\copy\@marbox
22383 \@xympar}
22384 \long\def \@RTLSavemarbox #1#2{%
22385 \global\setbox #1%
22386 \color@vbox

```



```

22387 \vtop{%
22388 \hsize\marginparwidth
22389 \@parboxrestore
22390 \@RTLmarginparreset
22391 #2%
22392 \@minipagefalse
22393 \outer@nobreak
22394 }%
22395 \color@endbox
22396 }
22397 \def \@RTLmarginparreset {%
22398 \reset@font
22399 \normalsize
22400 \@minipagetrue
22401 \everypar{\@minipagefalse\everypar{}\beginR}%
22402 }
22403 \def \@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
22404 \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
22405 \if@twocolumn
22406 \if@firstcolumn \@tempcnta\m@ne \fi
22407 \else
22408 \if@mparswitch
22409 \ifodd\c@page \else\@tempcnta\m@ne \fi
22410 \fi
22411 \if@reversemargin \@tempcnta -\@tempcnta \fi
22412 \fi
22413 \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
22414 \@tempdima\@mparbottom
22415 \advance\@tempdima -\@pageht
22416 \advance\@tempdima\ht\@marbox
22417 \ifdim\@tempdima >\z@
22418 \@latex@warning@no@line {Marginpar on page \thepage\space moved}%
22419 \else
22420 \@tempdima\z@
22421 \fi
22422 \global\@mparbottom\@pageht
22423 \global\advance\@mparbottom\@tempdima
22424 \global\advance\@mparbottom\dp\@marbox
22425 \global\advance\@mparbottom\marginparpush
22426 \advance\@tempdima -\ht\@marbox
22427 \global\setbox \@marbox
22428 \vbox {\vskip \@tempdima
22429 \box \@marbox}%
22430 \global \ht\@marbox \z@
22431 \global \dp\@marbox \z@
22432 \kern -\@pagedp
22433 \nointerlineskip
22434 \hb@xt@\columnwidth
22435 {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL
22436 \hskip\columnwidth \hskip\marginparsep
22437 \else
22438 \hskip -\marginparsep \hskip -\marginparwidth
22439 \fi
22440 \box\@marbox \hss\if@RTL\if@LTRmarginpar\endL\else\endR\fi\else\if@RTLmarginpar\endR

```



```

22441 \nointerlineskip
22442 \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
22443 \long\def\@ympar#1{%
22444 \savemarbox\@marbox{\ifRTL\ifLTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\ifRTLmarginp
22445 \global\setbox\@currbox\copy\@marbox
22446 \@xympar}
22447 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
22448 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
22449 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
22450 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse
22451 \@tempdima\@totalleftmargin \advance\@tempdima\linewidthth
22452 \hbox to\@tempdima{\ifRTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar
22453 \box\@curline\hfil\box\@curfield\ifRTL\endR\fi}\else\@addfield
22454 \hbox to\linewidth{\ifRTL\beginR\fi\@itemfudge
22455 \hskip\dimen\@curtabmar\box\@curline\hfil\ifRTL\endR\fi}%
22456 \fi}
22457
22458 \newcommand*{\bidi@font@@outputpage}{}
22459
22460 \def\@outputpage{%
22461 \begingroup % the \endgroup is put in by \aftergroup
22462 \let \protect \noexpand
22463 \@resetactivechars
22464 \global\let\@if@newlist\if@newlist
22465 \global\@newlistfalse
22466 \@parboxrestore
22467 \global\let\bidi@BeforeOutputPageShipOut\@firstofone
22468 \bidi@beforeoutputpageshipouthook
22469 \shipout \vbox{%
22470 \set@typeset@protect
22471 \aftergroup \endgroup
22472 \aftergroup \set@typeset@protect
22473 % correct? or just restore by ending
22474 % the group?
22475 \if@specialpage
22476 \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
22477 \fi
22478 \if@twoside
22479 \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
22480 \ifRTLmain
22481 \let\@themargin\evensidemargin
22482 \else
22483 \let\@themargin\oddsidemargin
22484 \fi
22485 \else \let\@thehead\@evenhead \let\@thefoot\@evenfoot
22486 \ifRTLmain
22487 \let\@themargin\oddsidemargin
22488 \else
22489 \let\@themargin\evensidemargin
22490 \fi
22491 \fi
22492 \ifx\@thehead\@empty \let\@thehead\hfil \fi
22493 \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
22494 \else %% not @twoside

```



```

22495 \ifx\@oddhead\@empty \let\@thehead\hfil \fi
22496 \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
22497 \fi
22498 \reset@font
22499 \normalsize
22500 \bidi@font@@@outputpage
22501 \normalsfcodes
22502 \let\label\@gobble
22503 \let\index\@gobble
22504 \let\glossary\@gobble
22505 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
22506 \@begin@div
22507 \vskip \topmargin
22508 \moveright\@themargin \vbox {%
22509 \global\let\@bidi@BeforeHeader\@firstofone
22510 \bidi@beforeheaderhook
22511 \setbox\@tempboxa \vbox to\headheight{%
22512 \vfil
22513 \color@hbox
22514 \normalcolor
22515 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@
22516 \color@endbox
22517 }% %% 22 Feb 87
22518 \dp\@tempboxa \z@
22519 \box\@tempboxa
22520 \vskip \headsep
22521 \global\let\@bidi@BeforeOutputBoxOutputPage\@firstofone
22522 \bidi@beforeoutputboxoutputpagehook
22523 \box\@outputbox
22524 \global\let\@bidi@AfterOutputBoxOutputPage\@firstofone
22525 \bidi@afteroutputboxoutputpagehook
22526 \global\let\@bidi@BeforeFooter\@firstofone
22527 \bidi@beforefooterhook
22528 \baselineskip \footskip
22529 \color@hbox
22530 \normalcolor
22531 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@
22532 \color@endbox
22533 \global\let\@bidi@AfterFooter\@firstofone
22534 \bidi@afterfooterhook
22535 }%
22536 }%
22537 \global\let\@bidi@AfterOutputPageShipOut\@firstofone
22538 \bidi@afteroutputpageshipouthook
22539 \global\let\if@newlist\@if@newlist
22540 \global \colht \textheight
22541 \stepcounter{page}%
22542 \let\firstmark\botmark
22543 \global\let\@bidi@AtEndOutputPage\@firstofone
22544 \bidi@atendoutputpagehook
22545 }
22546 \long\def\@makecaption#1#2{%
22547 \vskip\abovecaptionskip
22548 \sbox\@tempboxa{#1: #2}%

```



```

22549 \ifdim \wd\@tempboxa >\hsize
22550 \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
22551 \else
22552 \global \@minipagefalse
22553 \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
22554 \fi
22555 \vskip\belowcaptionskip}
22556 \let\@bidi@sav@eqno=\eqno
22557 \let\@bidi@sav@leqno=\leqno
22558 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@sav@leqno \else \@bidi@sav@eqno \fi}
22559 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@sav@eqno \else \@bidi@sav@leqno \fi}
22560 \ifpackageloaded{amsmath}{\{
22561 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}
22562 }
22563 \input{footnote-xetex-bidi.def}
22564 \if@twocolumn
22565 \let\autofooterule\relax
22566 \let\leftfootnoterule\relax
22567 \let\rightfootnoterule\relax
22568 \textwidthfootnoterule
22569 \fi
22570 \if@bidi@csundef{\@idxitem}{\{
22571 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi40\p}}%
22572 }
22573 \@ifclassloaded{article}{\@ifclassloaded{svmult}}{\input{article-xetex-bidi.def}}{}
22574 \@ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{}
22575 \@ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{}
22576 \@ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{}
22577 \@ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{}
22578 \@ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{}
22579 \@ifclassloaded{beamer}{\input{beamer-xetex-bidi.def}}{}
22580 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{}
22581 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{}
22582 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{}
22583 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{}
22584 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{}
22585 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}}{\input{report-xetex-bidi.def}}{}
22586 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{}
22587 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{}
22588 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{}
22589 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{}
22590 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{}
22591 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{}
22592 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{}
22593 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{}
22594 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{}
22595 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}}{\input{book-xetex-bidi.def}}{}
22596 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{}
22597 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
22598 \@ifclassloaded{imsproc}{\input{imsproc-xetex-bidi.def}}{}
22599 \@ifpackageloaded{amsmath}{\{
22600 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
22601 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
22602 }

```



```

22603 \@ifpackageloaded{mathtools}{%
22604   \RequirePackage{graphicx}%
22605   \input{mathtools-xetex-bidi.def}%
22606 }{}
22607 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
22608 \@ifpackageloaded{lscape}{\RequirePackage{graphicx}}{}
22609 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
22610 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
22611 \@ifpackageloaded{algorithm2e}{\input{algorithm2e-xetex-bidi.def}}{}
22612 \@ifpackagewith{algorithm2e}{algonl}{%
22613   \renewcommand{\theAlgoLine}{\expandafter\csname the\algocf@float\endcsname\@SepMark\arabic{A
22614 }}{}
22615 \@ifpackagewith{algorithm2e}{algotpart}{\renewcommand{\algocf@within}{part}}{}
22616 \@ifpackagewith{algorithm2e}{algotchapter}{\renewcommand{\algocf@within}{chapter}}{}
22617 \@ifpackagewith{algorithm2e}{algotsection}{\renewcommand{\algocf@within}{section}}{}
22618 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
22619 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
22620 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
22621 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
22622 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
22623 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
22624 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}
22625 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
22626 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}{\input{crop-xetex-bidi.def}}{}}{}
22627 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
22628 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
22629 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
22630 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
22631 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
22632 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}{\input{float-xetex-bidi.def}}{}}{}
22633 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
22634 \@ifpackageloaded{xltxtra}{\input{xltxtra-xetex-bidi.def}}{}
22635 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
22636 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
22637 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
22638 \@ifpackageloaded{hvfloat}{\input{hvfloat-xetex-bidi.def}}{}
22639 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
22640 \@ifpackageloaded{tabularx}{\input{tabularx-xetex-bidi.def}}{}
22641 \@ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
22642 \@ifpackageloaded{lscape}{\input{lscape-xetex-bidi.def}}{}
22643 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
22644 \@ifpackageloaded{footnotebackref}{\input{footnotebackref-xetex-bidi.def}}{}
22645 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
22646 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
22647 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
22648 \@ifpackageloaded{fix2col}{\input{fix2col-xetex-bidi.def}}{}
22649 \@ifpackageloaded{ftnright}{\input{ftnright-xetex-bidi.def}}{}
22650 \@ifpackageloaded{midfloat}{\input{midfloat-xetex-bidi.def}}{}
22651 \@ifpackageloaded{draftwatermark}{\input{draftwatermark-xetex-bidi.def}}{}
22652 \@ifpackageloaded{dblfnote}{\input{dblfnote-xetex-bidi.def}}{}
22653 \@ifpackageloaded{diagbox}{\input{diagbox-xetex-bidi.def}}{}
22654 \@ifpackageloaded{eso-pic}{\input{eso-pic-xetex-bidi.def}}{}
22655 \@ifpackageloaded{empheq}{\input{empheq-xetex-bidi.def}}{}
22656 \@ifpackageloaded{framed}{\input{framed-xetex-bidi.def}}{}

```



```

22657 \@ifpackageloaded{overpic}{\input{overpic-xetex-bidi.def}}{}
22658 \@ifpackageloaded{pdfbase}{\input{pdfbase-xetex-bidi.def}}{}
22659 \@ifpackageloaded{pdfscape}{\input{pdfscape-xetex-bidi.def}}{}
22660 \@ifpackageloaded{pdfpages}{\input{pdfpages-xetex-bidi.def}}{}
22661 \@ifpackageloaded{lettrine}{\input{lettrine-xetex-bidi.def}}{}
22662 \@ifpackageloaded{lineno}{\input{lineno-xetex-bidi.def}}{}
22663 \@ifpackageloaded{listings}{\input{listings-xetex-bidi.def}}{}
22664 \@ifpackageloaded{media9}{\RequirePackage{bidi-media9}}{}
22665 \@iftexfileloaded{pstricks}{\input{pstricks-xetex-bidi.def}}{}
22666 \@iftexfileloaded{pgfcorescopes.code}{\input{pgfcorescopes.code-xetex-bidi.def}}{}
22667 \@ifpackageloaded{titlesec}{\input{titlesec-xetex-bidi.def}}{}
22668 \@ifpackageloaded{titletoc}{\input{titletoc-xetex-bidi.def}}{}
22669 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
22670 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
22671 \@ifpackagewith{sidecap}{innercaption}{%
22672 \if@RTL \renewcommand*{\SC@FLOAT}[2]{%
22673 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {{#1}\hspace{\sidecaptionsep}{#2}}
22674 \renewcommand*{\SC@justify@caption{%
22675 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
22676 \renewcommand*{\SC@FLOAT}[2]{%
22677 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {{#2}\hspace{\sidecaptionsep}{#1}}}
22678 \renewcommand*{\SC@justify@caption{%
22679 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
22680 }{}
22681 \@ifpackagewith{sidecap}{rightcaption}{%
22682 \if@RTL\renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
22683 \def\SC@justify@caption{\RaggedLeft}\else%
22684 \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
22685 \def\SC@justify@caption{\RaggedRight}\fi%
22686 }{}
22687 \@ifpackagewith{sidecap}{leftcaption}{%
22688 \if@RTL \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
22689 \def\SC@justify@caption{\RaggedRight}\else%
22690 \renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
22691 \def\SC@justify@caption{\RaggedLeft}\fi%
22692 }{}
22693 \@ifpackageloaded{soul}{\input{soul-xetex-bidi.def}}{}
22694 \@ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
22695 \@ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
22696 \@ifpackageloaded{arydshln}{\input{arydshln-xetex-bidi.def}}{}
22697 \@ifpackageloaded{mdframed}{\input{mdframed-xetex-bidi.def}}{}
22698 \@ifpackageloaded{multicol}{\input{multicol-xetex-bidi.def}}{}
22699 \@ifpackageloaded{adjmulticol}{\input{adjmulticol-xetex-bidi.def}}{}
22700 \@ifpackageloaded{multienum}{\input{multienum-xetex-bidi.def}}{}
22701 \@ifpackageloaded{natbib}{\input{natbib-xetex-bidi.def}}{}
22702 \@ifpackageloaded{newfloat}{\input{newfloat-xetex-bidi.def}}{}
22703 \@ifpackageloaded{minitoc}{\input{minitoc-xetex-bidi.def}}{}
22704 \@ifpackageloaded{picinpar}{\input{picinpar-xetex-bidi.def}}{}
22705 \@ifpackageloaded{quotchap}{\input{quotchap-xetex-bidi.def}}{}
22706 \@ifpackageloaded{ragged2e}{\input{ragged2e-xetex-bidi.def}}{}
22707 \@ifpackageloaded{rotating}{\input{rotating-xetex-bidi.def}}{}
22708 \@ifpackageloaded{tabls}{\input{tabls-xetex-bidi.def}}{}
22709 \@ifpackageloaded{tabulary}{\input{tabulary-xetex-bidi.def}}{}
22710 \@ifpackageloaded{tcolorbox}{\input{tcolorbox-xetex-bidi.def}}{}

```





```

22711 \@@ifpackageloaded{tocbasic}{\input{tocbasic-xetex-bidi.def}}{}
22712 \@@ifpackageloaded{tocstyle}{\input{tocstyle-xetex-bidi.def}}{}
22713 \@@ifpackageloaded{tocbibind}{\@ifclassloaded{memoir}}{\input{tocbibind-xetex-bidi.def}}{}
22714 \@@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xetex-bidi.def}}{}
22715 \@@ifdefinitionfileloaded{tc-xetex}{\input{tc-xetex-bidi.def}}{}
22716 \@@ifpackageloaded{todonotes}{\input{todonotes-xetex-bidi.def}}{}
22717 \@@ifpackageloaded{beamerbasecolor}{\input{beamerbasecolor-xetex-bidi.def}}{}
22718 \@@ifpackageloaded{beamerbaseframecomponents}{\input{beamerbaseframecomponents-xetex-bidi.def}}{}
22719 \@@ifpackageloaded{beamerbaselocalstructure}{\input{beamerbaselocalstructure-xetex-bidi.def}}{}
22720 \@@ifpackageloaded{beamerinnerthemedefault}{\input{beamerinnerthemedefault-xetex-bidi.def}}{}

```

## 135 File xltextra-xetex-bidi.def

```

22721 \ProvidesFile{xltextra-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for xltextra package]
22722 \let\@XeTeX\XeTeX
22723 \def\XeTeX{\@ensure@LTR{\@XeTeX}}
22724 \let\@XeLaTeX\XeLaTeX
22725 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

```

## 136 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	@@@bidi@AfterPackage	@@@bidi@AfterPackage
\# . . . 3776, 3822, 3931, 3939	..... 4756, 4760	..... 4755, 4770
\% . . . . . 12237	\@@H@@footnotetext	\@@bidi@PreventPackageFromLoading
\' . . . . . 12357, 14601, 16601	..... 9589, 9604	... 4801, 4803, 4805
\( . . . . . 14702	\@@H@@mpfootnotetext	\@@bidi@pop . . . . 4423,
\) . . . . . 14703	..... 9592, 9610	4426, 4427, 4430, 4432
\, . . . . . 6025, 12620,	\@@HLTR@@LTRfootnotetext	\@@bidi@popinto . . .
17195, 17238,	..... 9590, 9606	... 4423, 4426, 4427
21483, 21494, 21890	\@@HLTR@@mpLTRfootnotetext	\@@clr . . . 21678, 21683,
\- 2277, 12356, 14600, 16600	..... 9593, 9612	21686, 21688,
\. . . . . 93, 296, 586, 718,	\@@HRTL@@RTLfootnotetext	21689, 21691,
981, 1231, 1910,	..... 9591, 9608	21721, 21726,
2276, 7212, 7400,	\@@HRTL@@mpRTLfootnotetext	21729, 21731,
7712, 9271, 9545,	..... 9594, 9614	21732, 21734, 21753
11379, 13750,	\@@LTR . . . . . 16451,	\@@cls . . . . . 21673, 21716
15990, 16763,	16453, 21850, 21852	\@@date . . . 6642, 6645, 6648
17157, 17354,	\@@LaTeX . . . . . 21855, 21856	\@@description . . . . 1876
17557, 18095,	\@@LaTeXe . . . . . 21857, 21858	\@@end . . . . . 4077, 4078
18770, 19447, 20081	\@@RTL . . . . . 16450,	\@@endpbox . . . 14453,
\ / . . . . . 2547	16453, 21849, 21852	19791, 19829, 22080
\: . . . . . 14744, 14803	\@@Radio . . . . . 13689, 13697	\@@footstart@@v@l . .
\< . . . . . 19715	\@@TeX . . . . . 16454,	. . . 9819, 10969, 11027
\= . . . . . 12357, 14601, 16601	16455, 21853, 21854	\@@if@newlist . . 11701,
\> . . . . . 19716	\@@XeLaTeX . . . 22724, 22725	11733, 22464, 22539
\@ . . . . . 3846	\@@XeTeX . . . . . 22722, 22723	\@@input . . . . . 4626
\@@ . . . . . 19894, 19896	\@@author 6641, 6644, 6647	\@@italiccorr . . . . .
\@@@bidi@AfterClass	\@@bidi@AfterClass	... 336, 7756, 14581
..... 4711, 4716	..... 4710, 4727	



\@line . . . . . 9913,	\@LTRbiditytftesidenotemarginparreset 1003, 1123,
9917, 17583,	. . . . . 5776, 5783 1124, 1130, 1253,
17592, 17630,	\@LTRbiditytftesidenotesavemarbox 2610, 2615, 6372,
17641, 22032,	. . . . . 5763, 7133, 7134, 7140,
22033, 22035,	5764, 5767, 5770 7254, 7310, 7311,
22036, 22038, 22039	\@LTRbiditytftesidenotexmpar 7317, 7431, 7481,
\@makecaption . . .	. . . . . 5761, 5762 7676, 7684, 7751,
. . 18127, 18191,	\@LTRbiditytftesidenoteympar 9238, 9251, 9508,
18212, 18802,	. . . . . 5761, 5766 9517, 9913, 9917,
18866, 18886,	\@LTRfootgroupv@l . 11345, 11353,
19479, 19543, 19563	. . . . . 9812, 11674, 13749,
\@makefnmark . . . .	9820, 10967, 11025 13763, 13787,
. . 17732, 17768,	\@LTRfootnotetext 64, 15643, 15655,
17771, 18385,	81, 155, 156, 157, 15667, 16539,
18422, 18425,	266, 284, 1745, 16661, 16662,
19070, 19107, 19110	1749, 1804, 2683, 16686, 16796,
\@math . . . . . 7747	2805, 6070, 6153, 16935, 17058,
\@mix . . . . . 21677, 21720	6160, 6876, 6887, 17111, 17112,
\@mod . . 21678, 21682,	7093, 7107, 8721, 17173, 17174,
21683, 21686,	8722, 9590, 9605, 17528, 17536,
21687, 21688,	9606, 9676, 9724, 19885, 19992,
21691, 21721,	9732, 9929, 10038, 20033, 20167,
21725, 21726,	10141, 10250, 20198, 20221,
21729, 21730,	10359, 10468, 20238, 20255,
21731, 21734, 21753	10577, 10686, 20272, 20289,
\@par . . . . . 14599,	10795, 10954, 20306, 20324,
16599, 17190,	11012, 11956, 20343, 20363,
17233, 17743,	11962, 12006, 20398, 20781,
17754, 18396,	12032, 12090, 21299, 21413, 22111
18408, 19081,	12115, 12121, \@MM . . . 41, 55, 71, 244,
19093, 20006,	13123, 13151, 258, 273, 8719,
20008, 21971, 22086	13230, 13249, 8740, 8787, 8794,
\@para@footstart@v@l	13443, 13447, 8839, 8846, 9840,
. . . . . 10969, 11027	13467, 13468, 11979, 11996, 12012
\@protect . . . . . 3707	14510, 14657, \@Mi . . . . . 7747, 14524
\@startpbox . . 14452,	15782, 15784, \@Mii . 2758, 5704, 5748,
19791, 19829, 22080	15785, 17694, 5792, 8409, 8421,
\@title . 6640, 6643, 6646	17700, 18135, 8434, 22318, 22362
\@tmp . . . . . 21682,	18347, 18353, \@Miii 2760, 5706, 5750,
21683, 21688,	18810, 19032, 5794, 22320, 22364
21689, 21691,	19038, 19487, \@RTL@footnotefalse
21692, 21725,	19860, 19877, 19969 . . . 2203, 11799,
21726, 21731,	\@LTRmarginparfalse 11966, 16434,
21732, 21734,	. . . . . 22447, 22449 16439, 21817, 21838
21735, 21753, 21754	\@LTRmarginparreset \@RTL@footnotetrue
\@underline . . . . .	. . . . . 22346, 22353 . . . 2201, 11799,
. 22053, 22055, 22057	\@LTRmarginpartrue 22448 11965, 16436,
\@DEBUGfalse . . . . . 2827	\@LTRsavemarbox 22333, 16438, 21827, 21837
\@False . . . . . 7735, 7737	22334, 22337, 22340 \@RTLbibitemfalse
\@LTRbibitemfalse	\@LTRxmpar . 22331, 22332 . . . . . 21905, 21906
. . . . . 21904, 21906	\@LTRympar . 22331, 22336 \@RTLbibitemstrue 21904
\@LTRbibitemstrue 21905	\@M . 6, 92, 105, 201, 225, \@RTLbiditytftesidenote@sidenote
\@LTRbiditytftesidenote@sidenote	295, 558, 622, 623, . . . 6170, 6201, 6205
. . . 6141, 6200, 6204	647, 751, 874, 929, \@RTLbiditytftesidenotemarginparreset



..... 5820, 5827	19425, 20067,	\@RTLtrue . 36, 50, 87,
\@RTLbidityftesidenotesavemarbox	21775, 21810,	239, 253, 290, 572,
..... 5807,	21817, 21838,	707, 970, 1220,
5808, 5811, 5814	21986, 22004,	1649, 1666, 1893,
\@RTLbidityftesidenotexmpar	22444, 22515, 22531	2159, 2165, 2183,
..... 5805, 5806	\@RTLfootnotetext 48,	3053, 7201, 7389,
\@RTLbidityftesidenoteympar	80, 159, 160, 161,	7698, 7756, 7758,
..... 5805, 5810	251, 283, 1744,	9260, 9531, 9650,
\@RTLcolumnfootnotesfalse	1748, 1778, 2684,	9664, 9691, 9713,
..... 9742	2806, 6088, 6182,	9943, 9963, 9988,
\@RTLcolumnfootnotesttrue	6189, 6877, 6888,	10013, 10052,
..... 9741	7094, 7108, 8742,	10070, 10094,
\@RTLfalse ..... 36,	8743, 9591, 9607,	10117, 10155,
66, 87, 239, 268,	9608, 9662, 9725,	10175, 10200,
290, 572, 707,	9733, 9930, 10039,	10225, 10264,
970, 1220, 1649,	10142, 10251,	10284, 10309,
1683, 1893, 2161,	10360, 10469,	10334, 10373,
2167, 2185, 3053,	10578, 10687,	10393, 10417,
7201, 7389, 7698,	10796, 10955,	10442, 10482,
7717, 7729, 7742,	11013, 11947,	10502, 10526,
9260, 9531, 9650,	11953, 11990,	10551, 10591,
9678, 9691, 9702,	12031, 12091,	10611, 10636,
9943, 9953, 9988,	12130, 12136,	10661, 10700,
10000, 10052,	13122, 13140,	10720, 10745,
10061, 10094,	13215, 13250,	10770, 10809,
10105, 10155,	13442, 13446,	10829, 10854,
10165, 10200,	13464, 13465,	10879, 11178,
10212, 10264,	14511, 14658,	11198, 11368,
10274, 10309,	15787, 15789,	11974, 11991,
10321, 10373,	15790, 17695,	12036, 12064,
10383, 10417,	17704, 18136,	13744, 14067,
10429, 10482,	18348, 18357,	14090, 14101,
10492, 10526,	18811, 19033,	14110, 14593,
10538, 10591,	19042, 19488,	15396, 15981,
10601, 10636,	19861, 19878, 19970	16397, 16422,
10648, 10700,	\@RTLmainfalse . 2086,	16436, 16438,
10710, 10745,	2090, 2371, 2375	16752, 17146,
10757, 10809,	\@RTLmaintrue . 2089, 2374	17340, 17543,
10819, 10854,	\@RTLmarginparfalse	18073, 18748,
10866, 11188,	..... 22448, 22449	19425, 20067,
11207, 11368,	\@RTLmarginparreset	21776, 21801,
11974, 12007,	..... 22390, 22397	21827, 21837,
12050, 12064,	\@RTLmarginpartrue 22447	21995, 22013,
13744, 14067,	\@RTLsavemarbox 22377,	22444, 22515, 22531
14090, 14094,	22378, 22381, 22384	\@RTLxmpar . 22375, 22376
14101, 14110,	\@RTLtabfalse .. 409,	\@RTLympar . 22375, 22380
14590, 15396,	2064, 2173, 21811,	\@Reset ..... 13722, 13731
15981, 16150,	21817, 21838,	\@SepMark ..... 19,
16198, 16396,	21986, 22004, 22091	20, 21, 22, 168,
16430, 16434,	\@RTLtabtrue ..... 2063, 2171,	214, 215, 216, 217,
16439, 16488,	..... 21802, 21827,	334, 350, 546, 547,
16752, 17146,	21837, 21874,	548, 549, 700, 701,
17340, 17543,	21881, 21995, 22013	702, 703, 954, 955,
18073, 18748,		956, 957, 1213,





17132,	17133,	827, 846, 1014,	17546, 18076,
17134,	17135,	1016, 1034, 1079,	18078, 18751,
17136,	17138,	1098, 1264, 1266,	18753, 19428,
17140,	17142,	1284, 1329, 1349,	19430, 20069, 20070
17148,	17155,	1360, 2492, 6573,	\@bibsetup ..... 15983
17327,	17329,	6575, 6644, 7265,	\@bibtitlestyle ...
17331,	17332,	7267, 7285, 7442,	..... 84, 287, 13741
17333,	17334,	7444, 7462, 7537,	\@bidi@stpelt ....
17335,	17336,	7551, 7587, 7608,	... 4145, 4151, 4155
17342,	17349,	9298, 9310, 9344,	\@bidi@AfterClass .
17509,	17511,	9363, 9393, 9407,	..... 4711,
17513,	17514,	9443, 9464, 11398,	4732, 4737, 4744
17515,	17516,	11410, 11444,	\@bidi@AfterPackage
17517,	17518,	11463, 15252,	..... 4756,
17519,	17545,	16807, 16809,	4775, 4779, 4786
17552,	18048,	16827, 16872,	\@bidi@EqualStringX
18050,	18052,	16891, 16946,	... 4210, 4211, 4212
18054,	18076,	16948, 16968,	\@bidi@PreventPackageFromLoading
18092,	18707,	17015, 17037,	... 4796, 4797, 4799
18709,	18711,	17048, 17204,	\@bidi@UnPreventPackageFromLoading
18713,	18715,	17218, 17259,	... 4888, 4889, 4892
18718,	18721,	17280, 17391,	\@bidi@after@Hy@hyperfootnotes
18729,	18751,	17405, 17441,	..... 9599,
18767,	19388,	17462, 17876,	9737, 9938, 10047,
19390,	19392,	18020, 18530,	10150, 10259,
19394,	19396,	18674, 19215, 19359	10368, 10477,
19399,	19402,	\@auxout ..... 2221,	10586, 10695,
19406,	19428,	2225, 3108, 3443,	10804, 10973, 11035
19444, 20069, 20076		3471, 3497, 3525,	\@bidi@append@to@cslist
\@argdef ..... 3667		3551, 3554, 3588,	... 4357, 4361, 4371
\@array 384, 405, 1370,		3591, 7040, 22155	\@bidi@append@to@list
1371, 19812, 22069		\@badmath .. 11606, 11620	..... 4361,
\@arrayacol ..... 22089		\@begin@tempboxa ..	4364, 4367, 4374, 4382
\@arrayclassiv ... 22090		..... 12633,	\@bidi@before@Hy@hyperfootnotes
\@arrayclassz ..... 1435, 19816, 22089		12729, 12736, 21971	..... 9585,
\@arraycr 404, 14458, 22091		\@begin@dv . 11672, 22506	9730, 9927, 10036,
\@arrayleft ..... 397		\@begin@parpenalty .	10139, 10248,
\@arrayparboxrestore		..... 2606,	10357, 10466,
. 1542, 14513, 16596		2615, 11609, 11623	10575, 10684,
\@arrayright ..... 406		\@bib@break ..... 18068, 18743, 19420	10793, 10952, 11006
\@arrayrule 1390, 1391,		\@biblabel ..... 89,	\@bidi@copy@stacktop
1392, 1428, 1429, 1430		292, 574, 575,	..... 4429, 4432
\@arstdepth ..... 19809, 19814, 19832		709, 710, 972, 973,	\@bidi@copyins@ 2101,
\@arstheight 19814, 19832		1222, 1223, 1895,	2102, 2103, 2104,
\@arstrut ..... 394,		1896, 7203, 7204,	2105, 2386, 2387,
14472, 19790, 22079		7391, 7392, 7700,	2388, 2389, 2390,
\@arstrutbox ... 387,		7701, 9262, 9263,	9823, 9825, 9828,
14460, 14514,		9533, 9534, 11370,	12385, 12386,
19783, 19824,		11371, 13746,	12387, 12388,
19828, 19832, 22072		15983, 16754,	12398, 12399,
\@author 428, 442, 478,		16755, 17148,	12447, 12448,
499, 762, 764, 782,		17149, 17342,	12504, 12505,
		17343, 17545,	12506, 12507,
			12524, 12525,



12543, 12552,	\@bidi@pdfcustomproperties	\@bidi@void@mpfootinsfalse
12564, 12570,	..... 2081,	..... 9879
12574, 12586,	2313, 2422, 2433	\@bidi@void@mpfootinstrue
12588, 12591,	\@bidi@pdfencryptfalse	..... 9877
12622, 15812,	..... 2290	\@bidi@void@footinsfalse
15813, 15902,	\@bidi@pdfencrypttrue	..... 11280, 11294
16463, 16465,	..... 2292, 2295	\@bidi@void@footinstrue
16466, 22280,	\@bidi@pdfm@markfalse	..... 11277, 11292
22286, 22289,	..... 2243, 2438	\@bidi@w@w ..... 4340
22303, 22305, 22308	\@bidi@pdfm@marktrue	\@bidi@ww ..... 4334
\@bidi@emptytoks ..	..... 2241, 2437	\@bidi@declaredcolor
... 3157, 3162, 3186	\@bidi@pdfproducer	..... 7881,
\@bidi@envbody ....	..... 2078,	7888, 21713, 21742
.... 3156, 3158,	2311, 2419, 2431	\@bidi@tufteLTR@sidenote@normal@cite
3160, 3161, 3162,	\@bidi@perpage@footnotefalse	..... 5936,
3182, 3184, 3185, 3186	..... 2253	6015, 6135, 6164,
\@bidi@fi ..... 4291,	\@bidi@perpage@footnotetrue	6193, 6215, 6224, 6233
4292, 4293, 4294,	..... 2251	\@bidi@tufteRTL@sidenote@normal@cite
4298, 4299, 4303,	\@bidi@prepend@to@cslist	..... 5955,
4304, 4308, 4309,	..... 4359,	6016, 6136, 6165,
4314, 4315, 4319, 4320	4362, 4373, 4415, 4417	6194, 6216, 6225, 6234
\@bidi@ifnxtc .....	\@bidi@prepend@to@list	\@bidi@tuftefloat@caption
... 4258, 4261, 4262	..... 4362,	..... 5309, 5342
\@bidi@info 1998, 2025,	4365, 4369, 4375, 4383	\@bidi@tuftefloat@caption@box
2027, 2325, 2352, 2354	\@bidi@removefromreset	5301, 5366, 5377,
\@bidi@inslogo@ ...	... 3283, 3284, 3286	5378, 5401, 5636, 5641
.... 2105, 2234,	\@bidi@replacefilewithext	\@bidi@tuftefloat@caption@fill
2236, 2390, 2415, 2440	..... 4673, 4677, 4680	..... 5250,
\@bidi@list@minipage@parbox@not@nobtrue	\@bidi@saveprimitive	5259, 5260, 5641
..... 12079, 21959	..... 3144	\@bidi@tuftefloat@caption@font
\@bidi@list@minipage@parboxfalse	\@bidi@stepcounter	5215, 5216, 5270,
..... 19979	..... 4144, 4150	5467, 5638, 5644, 5657
\@bidi@list@minipage@parboxtrue	\@bidi@tabular@RTL@cases	\@bidi@tuftefloat@caption@justification
. 12080, 21963, 21966	. 21872, 21874, 21881	... 5157, 5273, 5467
\@bidi@logo .... 2121,	\@bidi@todonotes@align	\@bidi@tuftefloat@caption@vertical@offset
2140, 2398, 2414	..... 21459,	.... 5304, 5305,
\@bidi@logo@ .....	21460, 21492,	5313, 5377, 5378, 5405
.... 2105, 2137,	21533, 21536,	\@bidi@tuftefloat@checkoddpge
2236, 2390, 2414, 2415	21539, 21542,	..... 5232, 5329
\@bidi@logo@hb@xt@	21567, 21572, 21573	\@bidi@tuftefloat@figure@box
..... 2391, 2414	\@bidi@todonotes@fig@position@rightfalse	..... 5300,
\@bidi@logo@hb@xt@columnwidth	..... 21474	5359, 5377, 5378, 5400
..... 2106, 2138	\@bidi@todonotes@fig@position@righttrue	\@bidi@tuftefloat@float@contents@width
\@bidi@lst@makecaption	..... 21472	... 5321,
..... 14064,	\@bidi@todonotes@text@direction@RTLfalse	5357, 5358, 5360
14080, 14081,	... 21461, 21465,	\@bidi@tuftefloat@float@debug
14112, 14113,	21468, 21572, 21573	.... 5290, 5296,
14114, 14118, 14120	\@bidi@todonotes@text@direction@RTLtrue	5298, 5299, 5331,
\@bidi@mdf@RTLtrue 14589	..... 21467	5335, 5337,
\@bidi@patch@AfterPackage	..... 21464	5338, 5415, 5422,
..... 5081, 5084	\@bidi@todonotes@text@direction@RTLtrue	5429, 5430, 5433, 5434
\@bidi@pdfcreator .	..... 21464	\@bidi@tuftefloat@float@debug@info
..... 2075,	\@bidi@unreplacefilewithext	.... 5289, 5291,
2310, 2416, 2430	... 4682, 4688, 4691	5292, 5293, 5390, 5397



\@biditytfloat@float@fullwidth	\@biditytfloat@float@fullwidth	\@biditytfloat@float@fullwidth
..... 5377, 5425	..... 5834,	\@biditytfloat@float@fullwidth
\@biditytfloat@float@textwidth	5837, 5840, 5843	... 6112, 6199, 6203
..... 5378, 5407	\@biditytfloat@float@textwidth	\@biditytfloat@float@textwidth
\@biditytfloat@float@fps	... 5840, 5849, 6221	..... 6008
..... 5319, 5334	\@biditytfloat@float@fps	\@biditytfloat@float@fps
\@biditytfloat@float@fullwidth	..... 5837, 5846	..... 5836,
..... 5249,	\@biditytfloat@float@fullwidth	\@biditytfloat@float@fullwidth
5255, 5256, 5257, 5357	..... 5844, 5853	\@biditytfloat@float@fullwidth
\@biditytfloat@float@justification	\@biditytfloat@float@justification	\@biditytfloat@float@justification
..... 5217	..... 5835,	\@biditytfloat@float@justification
\@biditytfloat@float@justification@causete	5841, 5844	..... 6109,
..... 5157, 5287	\@biditytfloat@float@justification@causete	\@biditytfloat@float@justification@causete
\@biditytfloat@float@label	... 5841, 5850, 6230	6116, 6118,
..... 5316, 5343	\@biditytfloat@float@label	6124, 6131, 6145,
\@biditytfloat@float@margin@floatbox	..... 5838, 5847	6174, 6176, 6182, 6189
... 5265, 5268, 5279	\@biditytfloat@float@margin@floatbox	\@biditytfloat@float@margin@floatbox
\@biditytfloat@float@margin@par	..... 5977, 6010	..... 5887, 5894
..... 5187, 5274	\@biditytfloat@float@margin@par	\@biditytfloat@float@margin@par
\@biditytfloat@float@margin@font	..... 6035, 6043	..... 5891, 5894, 5899
..... 5214, 5215	\@biditytfloat@float@margin@font	\@biditytfloat@float@margin@font
\@biditytfloat@float@orig@caption	..... 5842,	5876, 5879, 5928,
... 5340, 5368, 5398	5851, 5923, 5961, 5989	5930, 5947, 5949,
\@biditytfloat@float@orig@endfloat	\@biditytfloat@float@orig@caption	5951, 5958, 5998, 6000
... 5303, 5381, 5632	..... 5856, 5990	\@biditytfloat@float@orig@endfloat
\@biditytfloat@float@orig@float	\@biditytfloat@float@orig@float	\@biditytfloat@float@orig@float
... 5302, 5355, 5631	..... 5976, 5978,	5732, 5739
\@biditytfloat@float@orig@label	5979, 5981, 5986,	\@biditytfloat@float@orig@label
..... 5341,	5995, 6114, 6143,	..... 5719,
5349, 5369, 5399	6172, 6211, 6220, 6229	5720, 5723, 5726
\@biditytfloat@float@overhang	\@biditytfloat@float@overhang	\@biditytfloat@float@overhang
5248, 5252, 5253,	6009, 6113, 6142,	5717, 5718
5451, 5452, 5491, 5492	6171, 6210, 6219, 6228	\@biditytfloat@float@overhang
\@biditytfloat@float@pkgname	\@biditytfloat@float@overhang	..... 5717, 5722
... 5132, 5133, 5135	..... 5854,	\@biditytfloat@float@overhang
\@biditytfloat@float@stored@caption	5855, 5856, 5857	\@biditytfloat@float@overhang
..... 5307,	\@biditytfloat@float@stored@caption	\@biditytfloat@float@overhang
5314, 5368, 5403	..... 5858,	6240, 6241
\@biditytfloat@float@stored@label	5991, 6058, 6076,	\@biditytfloat@float@stored@label
.... 5308, 5317,	6094, 6212, 6221, 6230	..... 7881, 7882,
5369, 5385, 5387, 5404	\@biditytfloat@float@stored@label	21713, 21714, 21753
\@biditytfloat@float@stored@shortcaption	..... 5833,	\@biditytfloat@float@stored@shortcaption
..... 5306,	5836, 5839, 5842	..... 15275
5311, 5312, 5368, 5402	\@biditytfloat@float@stored@shortcaption	\@biditytfloat@float@stored@shortcaption
\@biditytfloat@float@generalstructure@reset@par	5839, 5848, 6212	..... 15244
..... 6417, 6423	\@biditytfloat@float@generalstructure@reset@par	\@biditytfloat@float@generalstructure@reset@par
\@biditytfloat@float@heading@newlinetospace	..... 5855,	2757, 5703, 5747,
..... 5473, 5482	6212, 6221, 6230	\@biditytfloat@float@heading@newlinetospace
\@biditytfloat@float@heading@newline@space@font	\@biditytfloat@float@heading@newline@space@font	\@biditytfloat@float@heading@newline@space@font
..... 5474, 5476	..... 5917,	..... 15258
\@biditytfloat@float@heading@orig@cr	6014, 6134, 6163,	\@biditytfloat@float@heading@orig@cr
..... 5481, 5485	6192, 6214, 6223, 6232	..... 15258
\@biditytfloat@float@heading@orig@font	\@biditytfloat@float@heading@orig@font	\@biditytfloat@float@heading@orig@font
... 5843, 5852, 5942	5983, 6133, 6162,	..... 15258





<code>\@capytype</code> . 2697, 2745, 2793, 5271, 15371, 15375, 15378, 17567, 17610, 18211, 18885, 19562	<code>\@checkend</code> . . . . . 3175, 3199, 4966, 4967	. . . . . 8494, 8592
<code>\@ccclv</code> 8754, 8811, 11249, 11250, 11278, 11289, 12519, 12531, 12565, 12568, 12569, 12579, 12580, 14528, 14533, 14545, 16457, 22265, 22269, 22281, 22285, 22296	<code>\@chnum</code> . 353, 360, 371, 1378, 1385, 1398, 1408, 1424, 1425, 1426, 1439, 1447, 1473, 7831, 19914, 19921, 19936, 22094, 22095, 22096	<code>\@colourgreentrue</code> . . . . . . 8495, 8593
<code>\@ccclvi</code> . . . . . 10996, 10998, 11058, 11060	<code>\@circlefnt</code> . . . . . 11500	<code>\@colourgreyfalse</code> . . . . . . 8498, 8596
<code>\@centercr</code> 6445, 16547, 16560, 16573, 19985, 20014, 22022	<code>\@classiv</code> . . . . . 2694, 14450, 19777, 21885, 22065, 22090	<code>\@colourgreytrue</code> .. . . . . . 8499, 8597
<code>\@cftasnum</code> . . . 20171, 20202, 20225, 20242, 20259, 20276, 20293, 20310, 20328, 20347, 20367, 20402	<code>\@classx</code> . 1405, 1464, 7825	<code>\@colourorangefalse</code> . . . . . 8492, 8590
<code>\@cftasnumb</code> . . . 20172, 20203, 20226, 20243, 20260, 20277, 20294, 20311, 20329, 20348, 20368, 20403	<code>\@classz</code> . . . . . 1405, 1464, 1498, 1499, 2693, 7825, 14450, 19776, 19816, 21884, 22064, 22089	<code>\@colourorangetrue</code> . . . . . 8493, 8591
<code>\@cftbsnum</code> . . . 20170, 20201, 20224, 20241, 20258, 20275, 20292, 20309, 20327, 20346, 20366, 20401	<code>\@cleartopmattertags</code> . . . . . 129, 13823	<code>\@colourredfalse</code> .. . . . . . 8496, 8594
<code>\@cftdopartfalse</code> . 20144	<code>\@cliptoboxdim</code> . . . 19943	<code>\@colourredtrue</code> 8497, 8595
<code>\@cftdoparttrue</code> . . . . . . . . 20147, 20151	<code>\@clsextension</code> . . . . 4680, 4691, 4707, 4717, 4726, 4729, 4738	<code>\@colourtrue</code> . . . . . 2856
<code>\@cftl@subfig</code> . . . . 20335	<code>\@clubpenalty</code> .. 584, 1908, 7710, 9543, 17352, 17555, 20079	<code>\@colroom</code> . . . . . 8454, 8457, 8459, 8460, 8754, 8811, 12497, 12511, 12514, 12516, 14539, 14548, 17806, 17823, 18460, 18477, 19145, 19162
<code>\@cftl@subtab</code> . . . . 20355	<code>\@colht</code> 8182, 8209, 8210, 8294, 8295, 8311, 8427, 8442, 8443, 8453, 8454, 8461, 8477, 8481, 11239, 11695, 12497, 12509, 12510, 12511, 12513, 12515, 12603, 14539, 14540, 15419, 15422, 15424, 15426, 15431, 15432, 15433, 15452, 15453, 15454, 15458, 15519, 15522, 15524, 15526, 15531, 15532, 15533, 15552, 15553, 15554, 15558, 17805, 17822, 18459, 18476, 19144, 19161, 22540	<code>\@combinedblfloats</code> . . . . . 8094, 8153, 11559, 11595, 11676, 12430, 12483, 15483, 15580, 22204, 22247
<code>\@chapapp</code> . 7476, 7671, 9503, 11341, 17524	<code>\@colm</code> . . . . . 2857	<code>\@combinefloats</code> . . . . . . . . 11234, 12599
<code>\@chapterlistsgap@off</code> . . . . . 16016	<code>\@colourfalse</code> . . . . . 2857	<code>\@compactenum@</code> . . . . 6427
<code>\@chapterlistsgap@on</code> . . . . . 16023, 16031	<code>\@colourgreenfalse</code>	<code>\@cons</code> . . . . . 22403, 22404
<code>\@chclass</code> .. 352, 364, 375, 1377, 1389, 1402, 1422, 1427, 19913, 19929, 19940, 22092, 22097		<code>\@contcshortstyle</code> 15326





\@conttfont . . . . .	10666, 10704,	18021, 18535,
.. 15314, 15326,	10714, 10724,	18675, 19220, 19360
15332, 15338, 15342	10750, 10763,	\@dblarg . . . . . 15378
\@curfield . . . . .	10775, 10813,	\@dblfloatplacement
7056, 7071, 7091,	10823, 10833,	.... 8098, 8157,
7105, 7115, 22453	10859, 10872,	11560, 11599,
\@curline . . . . . 7054,	10884, 11079,	11683, 12434,
7069, 22453, 22455	11091, 11103,	12487, 15487,
\@currbox . 2765, 2796,	11140, 11154,	15584, 22208, 22251
2800, 5668, 5671,	11168, 11981,	\@declaredcolor 7866,
5712, 5715, 5720,	11998, 12014,	7867, 21670, 21693
5724, 5756, 5759,	12042, 12056, 12070	\@dedication . . . . .
5764, 5768, 5800,	\@currentlabelname	.. 17923, 17926,
5803, 5808, 5812,	..... 13210,	18031, 18577,
22326, 22329,	13225, 13240,	18580, 18685,
22334, 22338,	13299, 13337,	19262, 19265, 19370
22370, 22373,	13370, 13401, 13432	\@dedicatory . . . . . 323
22378, 22382,	\@currenvir . . . . .	\@deferlist . . . . . 12495
22404, 22413, 22445	3161, 3164, 3165,	\@definitionfileextension
\@currentHlabel . . .	3185, 3188, 3189, 3216	..... 3230, 3233
. 13208, 13223, 13238	\@currentxt . . . . . 20595,	\@depth . . . 389, 14462,
\@currentHref . . . . .	20707, 20765, 20775	19756, 19785,
.. 13209, 13224,	\@currlist . . . . . 22403	19825, 22074, 22442
13239, 13298,	\@curtabmar . 22452, 22455	\@dgroup . . . . . 7729
13336, 13369,	\@cvtheme . . . . . 2937, 2940	\@dischyph . . . . .
13400, 13431,	\@cvthemeoptions . .	. 12356, 14600, 16600
13653, 13664, 13666	..... 2938, 2940	\@displaypagenumbersfalse
\@currentlabel . . 43,	\@date 431, 443, 479, 502,	..... 3036
57, 73, 246, 260,	770, 772, 784, 829,	\@displaypagenumbertrue
275, 1657, 1674,	849, 1022, 1024,	..... 3035
1691, 1706, 1721,	1036, 1081, 1101,	\@dmath . . . . . 7717, 7746
1736, 6060, 6078,	1272, 1274, 1286,	\@docolbox . . . . . 11749
6096, 9656, 9670,	1331, 1352, 1361,	\@dodynamictheftot 11673
9684, 9696, 9707,	2493, 6591, 6645,	\@dodynamicthehead 11673
9718, 9947, 9957,	7273, 7275, 7287,	\@dofilelist . . . . .
9967, 9993, 10006,	7450, 7452, 7464,	... 4977, 4978, 4980
10018, 10056,	7540, 7552, 7588,	\@dotsep . . . . . 21310,
10065, 10074,	7611, 9301, 9311,	21311, 21419, 22117
10099, 10111,	9345, 9366, 9396,	\@dottedtocline . . .
10122, 10159,	9408, 9444, 9467,	.. 21425, 21426,
10169, 10179,	9552, 9557, 11401,	21428, 21446, 22106
10205, 10218,	11411, 11445,	\@dseries . . . . . 7742
10230, 10268,	11466, 13832,	\@eha . . . . . 3152, 20389
10278, 10288,	13837, 15253,	\@ehc . . . . . 3255, 3257,
10314, 10327,	16815, 16817,	3263, 3265, 3271,
10339, 10377,	16829, 16874,	3273, 3279, 3281,
10387, 10397,	16894, 16954,	3683, 4554, 10945,
10423, 10436,	16956, 16970,	14033, 14040,
10448, 10486,	17017, 17040,	14526, 15625, 15631
10496, 10506,	17049, 17207,	\@ehd . . . . . 15372
10532, 10545,	17219, 17260,	\@eightcol@footgroupv@r
10557, 10595,	17282, 17394,	..... 10582
10605, 10615,	17406, 17442,	\@eightcollTRfootfmt
10641, 10654,	17465, 17881,	. 10608, 10629, 10657



\@eightcolLTRfootnotetext	6640, 6641, 6642,	17219,	17220,
..... 10577, 10601	7209, 7284, 7285,	17258,	17259,
\@eightcolRTLfootfmt	7286, 7287, 7397,	17260,	17261,
. 10618, 10632, 10669	7461, 7462, 7463,	17348,	17404,
\@eightcolRTLfootnotetext	7464, 7550, 7551,	17405,	17406,
..... 10578, 10611	7552, 7553, 7586,	17407,	17440,
\@eightcolfootfmt .	7587, 7588, 7589,	17441,	17442,
. 10598, 10626, 10644	7706, 7732, 8062,	17443,	17551,
\@eightcolfootnotetext	8125, 8781, 8833,	17742,	17841,
..... 10576, 10591	9268, 9309, 9310,	17842,	17849,
\@elt ..... 3285, 3288,	9311, 9312, 9343,	17857,	17864,
5556, 5557, 5558,	9344, 9345, 9346,	17870,	17886,
5559, 5560, 5561,	9406, 9407, 9408,	17892,	17905,
5562, 5563, 5564,	9409, 9442, 9443,	17908,	17915,
5565, 5566, 5567,	9444, 9445, 9539,	17923,	17928,
5597, 5598, 5599,	9550, 9566, 9570,	17943,	17950,
5600, 5601, 5602,	11075, 11087,	17965,	17966,
5603, 5604, 5605,	11099, 11130,	17970,	17971,
5606, 5607, 5608,	11149, 11163,	17979,	17980,
5609, 5610, 5611,	11233, 11376,	17984,	17985,
5612, 5613, 5614,	11409, 11410,	17994,	17995,
7768, 8720, 8741,	11411, 11412,	17999,	18000,
8747, 8782, 8784,	11443, 11444,	18008,	18009,
8786, 8792, 8804,	11445, 11446,	18019,	18020,
8834, 8836, 8838,	11539, 11575,	18021,	18022,
8844, 19844, 19846	12126, 12208,	18023,	18024,
\@email .. 2949, 8582, 8680	12408, 12457,	18025,	18026,
\@empty .. 86, 115, 134,	12495, 12598,	18027,	18028,
136, 289, 404, 441,	12613, 12614,	18029,	18030,
442, 443, 444, 477,	12615, 12616,	18031,	18061,
478, 479, 480, 580,	12617, 13210,	18091,	18116,
715, 781, 782, 783,	13225, 13240,	18117,	18395,
784, 826, 827, 828,	13299, 13337,	18495,	18496,
829, 978, 1033,	13370, 13401,	18503,	18511,
1034, 1035, 1036,	13432, 13743,	18518,	18524,
1078, 1079, 1080,	13809, 13830,	18540,	18546,
1081, 1228, 1283,	13872, 14085,	18559,	18562,
1284, 1285, 1286,	14091, 14114,	18569,	18577,
1328, 1329, 1330,	14118, 14120,	18582,	18597,
1331, 1563, 1564,	14476, 14501,	18604,	18619,
1763, 1789, 1815,	15250, 15251,	18620,	18624,
1903, 2236, 2415,	15252, 15253,	18625,	18633,
2491, 2492, 2493,	15412, 15512,	18634,	18638,
2494, 2752, 3064,	16010, 16505,	18639,	18648,
3073, 3173, 3197,	16760, 16826,	18649,	18653,
4384, 4793, 4806,	16827, 16828,	18654,	18662,
4807, 4813, 4836,	16829, 16871,	18663,	18673,
4866, 4874, 4893,	16872, 16873,	18674,	18675,
4896, 4907, 4911,	16874, 16967,	18676,	18677,
4921, 4927, 4928,	16968, 16969,	18678,	18679,
4929, 4942, 4954,	16970, 17014,	18680,	18681,
4958, 5025, 5036,	17015, 17016,	18682,	18683,
5919, 5938, 5957,	17017, 17154,	18684,	18685,
5978, 5985, 6573,	17217, 17218,	18735,	18766,



18791, 18792,	..... 6958, 7023	\@filebordercolor .
19080, 19180,	\@ensure@LR . 16447, 21846	..... 13511, 13513
19181, 19188,	\@ensure@LTR .. 16445,	\@filecolor ..... 13529
19196, 19203,	16447, 16455,	\@filef@und ..... 4626
19209, 19225,	21844, 21846,	\@finalstrut ... 1661,
19231, 19244,	21854, 21856,	1678, 1695, 1710,
19247, 19254,	21858, 22723, 22725	1725, 1740, 9634,
19262, 19267,	\@ensure@RL . 16446, 21845	9640, 9646, 11986,
19282, 19289,	\@ensure@RTL .. 16444,	12003, 12019,
19304, 19305,	16446, 21843, 21845	12046, 12060, 12074
19309, 19310,	\@ensure@dir .. 16448,	\@firstampfalse 1437, 1445
19318, 19319,	16449, 21847, 21848	\@firstcolfirstmark
19323, 19324,	\@ensure@maindir ..	..... 8061,
19333, 19334,	..... 16449, 21848	8062, 8066, 8124,
19338, 19339,	\@enumctr 1841, 6428, 6429	8125, 8129, 11538,
19347, 19348,	\@eqnnum .....	11539, 11543,
19358, 19359,	. 11631, 13826, 22561	11574, 11575,
19360, 19361,	\@evenfoot .....	11579, 12407,
19362, 19363,	. 2455, 11666, 22485	12408, 12412,
19364, 19365,	\@evenhead . 11665, 22485	12456, 12457,
19366, 19367,	\@expandtwoargs ... 4912	12461, 15411,
19368, 19369,	\@extrafootnotefeaturesfalse	15412, 15416,
19370, 19412,	..... 2215	15511, 15512,
19443, 19468,	\@extrafootnotefeaturestrue	15516, 22179,
19469, 19714,	..... 2213	22180, 22184,
19831, 19879,	\@extrainfo .....	22226, 22227, 22231
20075, 20375,	... 2950, 8583, 8681	\@firstcoltopmark .
20377, 20730,	\@extratitle .....	.... 8059, 8067,
20736, 21204,	.. 17841, 17848,	8122, 8130, 11536,
21673, 21676,	17965, 17971,	11544, 11572,
21716, 21719,	17979, 17985,	11580, 12405,
21872, 22082,	17994, 18000,	12413, 12454,
22091, 22180,	18024, 18495,	12462, 15409,
22227, 22492,	18502, 18619,	15417, 15509,
22493, 22495, 22496	18625, 18633,	15517, 22177,
\@emptycol .... 8446,	18639, 18648,	22185, 22224, 22232
8449, 8465, 8468	18654, 18678,	\@firstcolumnfalse
\@emptytoks ..... 7731	19180, 19187,	8052, 8115, 8485,
\@end@tempboxa 12640,	19304, 19310,	11530, 11566,
12734, 12751, 21984	19318, 19324,	11690, 12394,
\@endfloatbox ..... 2817	19333, 19339, 19363	12443, 15402,
\@endmodernpoem 7067, 7087	\@familyname .....	15502, 22170, 22217
\@endparenv .... 6977,	2882, 2884, 2885,	\@firstcolumntrue .
7084, 16057, 16077	2943, 8557, 8647, 8668	8070, 8133, 8440,
\@endparpenalty 2610,	\@familynamecolour	11546, 11583,
2619, 11610, 11624	..... 2912, 2929	11654, 12418,
\@endpbox .....	\@fax .... 2948, 8581, 8679	12467, 15461,
1415, 1416, 1457,	\@fcolmadefalse .. 12496	15561, 22188, 22235
1481, 1482, 1483,	\@ff@do@allframes .	\@firstdetailselementfalse
7839, 7840, 7841,	..... 11675, 11680	..... 8662
14447, 14453,	\@ff@fbox .....	\@firstdetailselementtrue
19791, 19829, 22080	\@ff@setoffset ... 11755	..... 8659
\@endptrue . 21826, 21836	\@ffbackground ... 11745	\@firstfooterelementfalse
\@endtraditionalpoem		.... 8578, 8579,



8580, 8581, 8582, 8583	5798, 5802, 22318,	11008, 11010,
\@firstfooterelementtrue	22320, 22324,	11973, 12030,
..... 8563	22328, 22362,	12089, 13121,
\@firstname .....	22364, 22368, 22372	13129, 13200,
2882, 2884, 2885,	\@fltovf .....	13248, 13441,
2942, 8557, 8647, 8668	2798, 5715, 5759,	13445, 13461,
\@firstnamecolour .	5803, 22329, 22373	13462, 14509,
..... 2911, 2928	\@flushglue 6860, 6861,	14656, 15777,
\@firstofone ... 4017,	14606, 17316,	15779, 15780,
4024, 4032, 4043,	20783, 20787,	17693, 17696,
4057, 4063, 4073,	20791, 20837, 22022	18134, 18346,
4079, 5079, 11703,	\@fnsymbol . 453, 745,	18349, 18809,
11721, 11725,	804, 997, 1056,	19031, 19034,
11728, 11731,	1247, 1306, 2479,	19486, 19859,
11737, 13635,	7248, 7425, 7562,	19876, 19966, 19968
13636, 13637,	9321, 9418, 11421,	\@footstartv@l ....
13638, 15376,	16790, 16849,	. 9811, 10968, 11026
18191, 18866,	16929, 16990,	\@footstartv@r ....
19543, 22467,	17186, 17229,	. 9815, 10961, 11019
22509, 22521,	17416, 17838,	\@for . 4834, 4895, 4908,
22524, 22526,	17959, 18492,	4930, 4934, 5920,
22533, 22537, 22543	18613, 19177, 19298	5925, 5939, 5944,
\@firstoftwo ... 2031,	\@footgroupv@r . 9816,	5958, 5963, 5986,
2037, 2043, 3294,	9905, 9934, 10043,	5995, 8030, 20734
3302, 3306, 3314,	10146, 10255,	\@fourcol@footgroupv@r
3318, 3326, 3332,	10364, 10473,	..... 10146
3336, 3349, 3357,	10582, 10691,	\@fourcolLTRfootfmt
3363, 3367, 3375,	10800, 10960, 11018	. 10172, 10193, 10221
3381, 3384, 3387,	\@footnote ..... 6522	\@fourcolLTRfootnotetext
3401, 3408, 3792,	\@footnotemark . 1766,	..... 10141, 10165
3810, 3816, 3840,	1773, 1792, 1799,	\@fourcolRTLfootfmt
3867, 3897, 3957,	1818, 1825, 2725,	. 10182, 10196, 10233
3967, 4617, 15991	2733, 2741, 6031,	\@fourcolRTLfootnotetext
\@fivecol@footgroupv@r	6124, 6131, 6153,	..... 10142, 10175
..... 10255	6160, 6182, 6189,	\@fourcolfootfmt ..
\@fivecolLTRfootfmt	7005, 7012, 7019,	. 10162, 10190, 10208
. 10281, 10302, 10330	11947, 11953,	\@fourcolfootnotetext
\@fivecolLTRfootnotetext	11956, 11962,	..... 10140, 10155
..... 10250, 10274	13251, 13440,	\@fps ..... 2746,
\@fivecolRTLfootfmt	13444, 13458, 13459	2747, 2749, 2752, 2769
. 10291, 10305, 10342	\@footnotetext .. 34,	\@fpsadddefault 2750, 2753
\@fivecolRTLfootnotetext	79, 151, 152, 153,	\@freelist .... 2765,
..... 10251, 10284	237, 282, 1743,	5556, 5597, 5712,
\@fivecolfootfmt ..	1747, 1752, 2682,	5713, 5756, 5757,
. 10271, 10299, 10317	2804, 6052, 6124,	5800, 5801, 11232,
\@fivecolfootnotetext	6131, 6875, 6886,	12597, 22326,
..... 10249, 10264	7092, 7106, 8700,	22327, 22370,
\@float ..... 5302, 5631	8701, 9589, 9603,	22371, 22403, 22404
\@floatboxreset ... 2815	9604, 9648, 9723,	\@frontispiece ....
\@floatpenalty . 2758,	9731, 9928, 10037,	. 17842, 17845,
2760, 2763, 5704,	10140, 10249,	17849, 17852,
5706, 5710, 5714,	10358, 10467,	17966, 17970,
5748, 5750, 5754,	10576, 10685,	17980, 17984,
5758, 5792, 5794,	10794, 10953,	17995, 17999,



18025, 18496,	\@hboxRconstructtrue	22589, 22590,
18499, 18503,	..... 404, 1529,	22591, 22592,
18506, 18620,	16403, 19796,	22593, 22594,
18624, 18634,	19835, 21782, 22087	22595, 22596,
18638, 18649,	\@height ..... 388,	22597, 22598,
18653, 18679,	1495, 7853, 8328,	22626, 22713, 22714
19181, 19184,	12337, 14461,	\@ifdefinable .. 3413,
19188, 19191,	14514, 14626,	3416, 3419, 3428,
19305, 19309,	17779, 17786,	3670, 3685, 11870
19319, 19323,	18433, 18440,	\@ifdefinitionfileloaded
19334, 19338, 19364	19118, 19125,	..... 3233, 22715
\@fs@capt 5645, 5658, 5666	19756, 19784,	\@ifempty .. 7, 202, 13788
\@fs@cfont .... 5638,	19825, 22073, 22442	\@ifl@aded 3232, 3233, 3234
5644, 5654, 5657,	\@highpenalty .. 7154,	\@ifnextchar ... 163,
5665, 11635, 11636	7170, 7177, 7187,	405, 2630, 2660,
\@fs@iftopcapt ....	7331, 7347, 7354,	2675, 3660, 4710,
... 5649, 5662, 5675	7364, 7618, 7633,	4711, 4755, 4756,
\@fs@mid . 5648, 5661, 5673	7643, 9474, 11309,	4800, 5717, 5761,
\@fs@post 5647, 5660, 5674	11324, 11334,	5805, 7866, 7881,
\@fs@pre . 5646, 5659, 5667	16700, 16716,	11945, 11954,
\@g@tnextcol ..... 11652	16723, 16733,	12113, 12128,
\@getcirc ..... 11496	17072, 17088,	12146, 12152,
\@gnewline ... 16549,	17095, 17105,	12706, 13448,
16562, 16575, 16586	17288, 17302,	13472, 15792,
\@gobble ..... 2662,	17312, 17472,	16061, 16081,
3172, 3196, 3218,	17487, 17497,	21670, 21713,
3223, 3920, 3921,	20157, 20192,	21897, 22331, 22375
3922, 3923, 3924,	20581, 20605, 20693	\@ifpackagelater ..
4019, 4034, 4049,	\@hintcolour .. 2919, 2935	.. 5119, 5124, 11816
4095, 4109, 4121,	\@holdpg ..... 8188, 8205, 8208,	\@ifpackageloaded .
4133, 4823, 4958,	8225, 8316, 8349, 8351	. 170, 1454, 3853,
5135, 6695, 6760,	\@hyper@launch ... 13534	4783, 4843, 5078,
11713, 11714,	\@idxitem 102, 107, 222,	5096, 5118, 5123,
11715, 15373,	227, 603, 618, 867,	5624, 5629, 5682,
18133, 18134,	1119, 6486, 6493,	9173, 9174, 9910,
18135, 18136,	7129, 7306, 7517,	10918, 13245,
18808, 18809,	13760, 13765,	13265, 13343,
18810, 18811,	16657, 16912,	13642, 14107,
19485, 19486,	17372, 20137, 22571	14232, 14489,
19487, 19488,	\@ifclasslater 5121, 5126	15352, 20061,
21677, 21720,	\@ifclassloaded ...	21873, 22560,
22502, 22503, 22504	..... 4741, 5120,	22585, 22595,
\@gobbletwo ..... 5125, 5155, 6535,	22599, 22603,	22599, 22608,
3243, 3244, 3247,	6537, 7519, 9740,	22607, 22608,
3248, 4153, 13889,	11767, 11780,	22609, 22610,
18137, 18812, 19489	22573, 22574,	22611, 22618,
\@gtempa ..... 3425, 3426	22575, 22576,	22619, 22620,
\@halignto .... 393,	22577, 22578,	22621, 22622,
408, 19789, 19827,	22579, 22580,	22623, 22624,
21872, 22078, 22091	22581, 22582,	22625, 22626,
\@hangfrom ..... 22046	22583, 22584,	22627, 22628,
\@hboxRconstructfalse	22585, 22586,	22629, 22630,
. 1531, 16413, 21792	22587, 22588,	22631, 22632,
		22633, 22634,



22635,	22636,	3280, 4698, 4702,	983, 1233, 1912,
22637,	22638,	4852, 4945, 5866,	3069, 7214, 7402,
22639,	22640,	6349, 6357, 6472,	7714, 9273, 9547,
22641,	22642,	6474, 6479, 6569,	11381, 13752,
22643,	22644,	6586, 7868, 7875,	16765, 17159,
22645,	22646,	7883, 7889, 11638,	17356, 17559,
22647,	22648,	11863, 13645,	18099, 18106,
22649,	22650,	13646, 14043,	18774, 18781,
22651,	22652,	14054, 14117,	19451, 19458, 20083
22653,	22654,	14119, 14124,	\@latex@warning@no@line
22655,	22656,	16169, 16631,	.. 8444, 8462, 22418
22657,	22658,	20376, 20380,	\@latexbug .....
22659,	22660,	20456, 20478,	22404
22661,	22662,	20479, 20527,	\@latexerr .....
22663,	22664,	20528, 20615,	.. 12534, 12544, 12554
22667,	22668,	20637, 20638,	\@leftcolumn ... 8053,
22669,	22670,	20923, 20946,	8079, 8116, 8138,
22693,	22694,	21000, 21060,	8191, 8196, 11531,
22695,	22696,	21109, 21126, 21156	11552, 11567,
22697,	22698,	\@ifundefinedmodel	11588, 12395,
22699,	22700,	..... 21703, 21737	12423, 12444,
22701,	22702,	\@ifxempty .....	12476, 15403,
22703,	22704,	21763	15462, 15475,
22705,	22706,	\@ignoretrue .....	15503, 15562,
22707,	22708,	7753	15571, 22171,
22709,	22710,	\@iiiminipage .... 12076	22197, 22218, 22240
22711,	22712,	\@iiiparbox .....	\@let@token ... 3209, 3212
22713,	22714,	.. 9889, 12107, 21955	\@lettrine .....
22716,	22717,	\@indextitlestyle .	13852
22718,	22719, 22720	.... 100, 220, 13758	\@listI .....
\@ifpackagewith ...		\@inlabelfalse .... 7720	5172
... 8007, 14019,		\@insertfalse .... 8173	\@listdepth .....
14022, 16634,		\@inserttrue .....	.. 11929, 12092,
16637, 20086,		8439	12361, 12365,
22612, 22615,		\@iprintcites .... 16541	13986, 17720,
22616, 22617,		\@itemdepth .... 1832,	18373, 19058,
22671, 22681, 22687		1852, 1853, 1854	21909, 21912, 21917
\@ifstar .....		\@itemfudge . 22452, 22454	\@listi .. 5172, 5180, 6390
3777, 4709, 4754,		\@itemlabel .....	\@loadwithoptions .
4796, 4888, 5474,		21918	... 4633, 4635, 4642
9177, 9738, 9941,		\@ixpt .....	\@lowertitleback ..
10050, 10153,		6386	.. 17892, 17903,
10262, 10371,		\@keywords .....	17915, 17950,
10480, 10589,		324	18030, 18546,
10698, 10807,		\@kludgeins ... 11236,	18557, 18569,
11002, 11064, 12709		12600, 15890, 15905	18604, 18684,
\@iftagsloaded ....		\@lastchclass .. 353,	19231, 19242,
. 3232, 22600, 22601		354, 355, 356, 358,	19254, 19289, 19369
\@iftexfileloaded .		1378, 1379, 1380,	\@lowpenalty . 2606, 21219
. 3234, 22665, 22666		1381, 1383, 1422,	\@m .....
\@ifundefined .. 330,		1423, 1435, 1443,	93, 296, 586,
331, 3039, 3253,		19914, 19915,	718, 981, 1231,
3256, 3261, 3264,		19916, 19917,	1910, 7212, 7400,
3269, 3272, 3277,		19919, 22092, 22093	7712, 9271, 9545,
		\@lastvipetrue 8451, 8470	11379, 12396,
		\@latex@error .....	12398, 12445,
		.... 3151, 4817,	12447, 13750,
		15372, 15625, 15631	15990, 16763,
		\@latex@warning . 95,	
		298, 588, 720,	



17157, 17354,	12073, 12618,	18645, 18660,
17557, 18095,	15259, 16787,	18672, 19316,
18770, 19447, 20081	16852, 16926,	19330, 19345, 19357
\@mainmatterfalse .	16993, 17189,	\@maketitle@hook ..
..... 6722,	17232, 17418,	..... 118, 13812
6752, 7694, 9527	17710, 17737,	\@makewincaption . 16260
\@mainmattertrue ..	17740, 18363,	\@marbox ..... 5713,
..... 6719, 6735	18390, 18393,	5715, 5719, 5723,
\@makeLTRfntext ...	19048, 19075, 19078	5724, 5757, 5759,
... 1642, 1694, 1739	\@makefrontispiece	5763, 5767, 5768,
\@makeRTLfntext ...	.. 17974, 17988,	5801, 5803, 5807,
... 1637, 1677, 1724	18003, 18628,	5811, 5812, 22327,
\@makecaption .....	18642, 18657,	22329, 22333,
.... 5469, 7814,	19313, 19327, 19342	22337, 22338,
15309, 15359,	\@makeoother .... 3776,	22371, 22373,
15391, 18185,	3822, 3931, 3939	22377, 22381,
18860, 19537, 22546	\@makeschapterhead	22382, 22403,
\@makechapterhead .	7125, 7302, 7491,	22413, 22416,
..... 301, 7471,	7512, 7680, 9513,	22424, 22426,
7666, 9498, 11337,	11349, 16653,	22427, 22429,
16532, 17520, 20102	16908, 17367,	22430, 22431,
\@makecol 11300, 11301,	17532, 20108, 20113	22440, 22444, 22445
12520, 12530,	\@makespecialcolbox	\@mathmargin ... 9129,
14534, 14546, 22263	..... 11237, 12601	9136, 9144, 9151
\@makeextratitle ..	\@maketitle .... 120,	\@maxdepth 9806, 11248,
.. 17968, 17982,	316, 320, 460, 462,	11263, 11286,
17997, 18622,	467, 476, 486, 811,	11299, 12611,
18636, 18651,	813, 818, 825, 835,	22268, 22284, 22295
19307, 19321, 19336	1063, 1065, 1070,	\@memtempa ... 15309,
\@makefnmark 454, 805,	1077, 1087, 1313,	15311, 15325,
1307, 1639, 1644,	1315, 1320, 1327,	15332, 15336, 15341
2480, 6027, 6038,	1337, 2484, 2490,	\@menubordercolor .
7563, 8705, 8726,	7569, 7571, 7576,	..... 13605, 13607
9322, 9419, 11422,	7585, 7595, 9328,	\@menucolor ..... 13616
13775, 15257,	9330, 9335, 9342,	\@midlist .... 11232,
16850, 16991,	9352, 9425, 9427,	11233, 12597, 12598
17187, 17230,	9432, 9441, 9451,	\@minipagefalse 2819,
17417, 17839,	11428, 11430,	5734, 5743, 5778,
17840, 17960,	11435, 11442,	5787, 5822, 5831,
17961, 18493,	11452, 13814,	9886, 12104,
18494, 18614,	15262, 15264,	14076, 15365,
18615, 19178,	15271, 16856,	22348, 22357,
19179, 19299, 19300	16858, 16863,	22392, 22401, 22552
\@makefntext .. 45, 59,	16870, 16880,	\@minipagerestore 12093
75, 248, 262, 277,	16997, 16999,	\@minipagetrue ....
455, 742, 807, 994,	17004, 17013,	.... 5742, 5786,
1057, 1244, 1309,	17023, 17241,	5830, 22356, 22400
1660, 1709, 2481,	17243, 17248,	\@minus 2986, 3072, 5168,
6025, 6064, 6082,	17257, 17267,	5170, 5177, 5179,
6100, 7245, 7422,	17423, 17425,	5181, 5182, 6387,
7564, 9323, 9420,	17430, 17439,	6389, 6391, 6392,
11423, 11985,	17449, 17977,	12275, 12313,
12002, 12018,	17991, 18006,	15987, 18288,
12045, 12059,	18018, 18631,	18306, 18316,





18326, 18337,	\@mpightcolRTLfootnotetext	10322, 10334,
18971, 18991,	..... 10585, 10660	10335, 10418,
19001, 19011,	\@mpightcolfootnotetext	10419, 10430,
19022, 19648,	..... 10583, 10635	10431, 10443,
19668, 19678,	\@mpfivecol@footgroupv@r	10444, 10527,
19688, 19699, 19721	..... 10261	10528, 10539,
\@mkboth ..... 571,	\@mpfivecolLTRfootnotetext	10540, 10552,
599, 615, 706, 864,	..... 10257, 10320	10553, 10636,
969, 1116, 1219,	\@mpfivecolRTLfootnotetext	10637, 10648,
7126, 7200, 7303,	..... 10258, 10333	10649, 10661,
7388, 7513, 7697,	\@mpfivecolfootnotetext	10662, 10745,
9259, 9530, 11367,	..... 10256, 10308	10746, 10757,
16654, 16751,	\@mpfn 1753, 1779, 1805,	10758, 10770,
16909, 17145,	2700, 2703, 2706,	10771, 10854,
17339, 17368, 17542	2722, 2730, 2738,	10855, 10866,
\@mklab ..... 21919	6122, 6128, 6151,	10867, 10879,
\@mkpream . 392, 14466,	6157, 6180, 6186,	10880, 11125,
19787, 19819, 22076	6982, 6985, 6988,	11134, 11162, 11165
\@mobile . 2946, 8579, 8677	7002, 7009, 7016,	\@mpfootnotetext 1698,
\@modernpoem .. 7043, 7087	11945, 11950,	9592, 9609, 9610,
\@mpLTRfootnotetext	11954, 11959,	9690, 9726, 9734,
1728, 9593, 9611,	12088, 12118,	9935, 10044,
9612, 9701, 9727,	12133, 13126,	10147, 10256,
9735, 9936, 10045,	13137, 13148,	10365, 10474,
10148, 10257,	13348, 13379,	10583, 10692,
10366, 10475,	13410, 13473,	10801, 10970,
10584, 10693,	14653, 19901, 19908	11029, 11031,
10802, 10971,	\@mpfootins ..... 1699, 1701, 1714,	12062, 12089,
11033, 12048,	1716, 1729, 1731,	13129, 13164,
12090, 13151,	9691, 9692, 9702,	13167, 13252,
13166, 13189,	9703, 9713, 9714,	14656, 19966, 19968
13253, 14657, 19969	9850, 9858, 9866,	\@mpfourcol@footgroupv@r
\@mpRTLfootnotetext	9876, 9880, 9883,	..... 10152
1713, 9594, 9613,	12036, 12037,	\@mpfourcolLTRfootnotetext
9614, 9712, 9728,	12050, 12051,	..... 10148, 10211
9736, 9937, 10046,	12064, 12065,	\@mpfourcolRTLfootnotetext
10149, 10258,	12098, 12099,	..... 10149, 10224
10367, 10476,	12102, 14642, 14647	\@mpfourcolfootnotetext
10585, 10694,	\@mpfootinsv@l . 9848,	..... 10147, 10199
10803, 10972,	9864, 9907, 11127,	\@mplistdepth 11929, 12092
11034, 12034,	11136, 11148, 11151	\@mpninecol@footgroupv@r
12091, 13140,	\@mpfootinsv@r .... 9847, 9906,	..... 10697
13165, 13178,	9988, 9989, 10000,	\@mpninecolLTRfootnotetext
13254, 14658, 19970	10001, 10013,	..... 10693, 10756
\@mparbottom ..... 22414, 22422,	10014, 10094,	\@mpninecolRTLfootnotetext
.. 22423, 22424, 22425	10095, 10105,	..... 10694, 10769
\@mpargs 9889, 12082, 12107	10106, 10117,	\@mpninecolfootnotetext
\@mparswitchfalse . 5151	10118, 10200,	..... 10692, 10744
\@mparswitchtrue .. 5146	10201, 10212,	\@mppara@LTRfootgroupv@l
\@mpeightcol@footgroupv@r	10213, 10225,	..... 10977, 11039
..... 10588	10226, 10309,	\@mppara@footgroupv@r
\@mpeightcollTRfootnotetext	10310, 10321,	..... 10976, 11038
..... 10584, 10647		\@mpparaLTRfootnotetext
		. 10971, 11033, 11147





\@mpparaRTLfootnotetext	10564,	10569,	21002,	21003,
..... 10972, 11161	10574,	10673,	21004,	21006,
\@mpparafootnotetext	10678,	10683,	21007,	21009,
. 10970, 11031, 11122	10782,	10787,	21012,	21015,
\@mpsevenscolfootgroupv@r	10792,	10891,	21023,	21024,
..... 10479	10896,	10951,	21026,	21029,
\@mpsevenscolLTRfootnotetext	11005,	11176,	21032,	21057,
..... 10475, 10538	11186,	11196,	21061,	21062,
\@mpsevenscolRTLfootnotetext	11205,	11214,	21063,	21065,
..... 10476, 10551	11226,	14580,	21066,	21068,
\@mpsevenscolfootnotetext	20391,	20430,	21071,	21074,
..... 10474, 10526	20431,	20432,	21082,	21083,
\@mpsixcol@footgroupv@r	20433,	20434,	21085,	21088,
..... 10370	20435,	20436,	21091,	21111,
\@mpsixcolLTRfootnotetext	20437,	20438,	21114,	21118,
..... 10366, 10429	20439,	20457,	21158,	21161, 21165
\@mpsixcolRTLfootnotetext	20458,	20459,	\@nameuse .....	4699,
..... 10367, 10442	20460,	20461,	7038,	9059, 9109,
\@mpsixcolfootnotetext	20462,	20463,	9112,	9158, 10027,
..... 10365, 10417	20464,	20465,	10028,	10032,
\@mptencol@footgroupv@r	20480,	20481,	10033,	10130,
..... 10806	20482,	20483,	10131,	10135,
\@mptencolLTRfootnotetext	20485,	20486,	10136,	10239,
..... 10802, 10865	20488,	20491,	10240,	10244,
\@mptencolRTLfootnotetext	20494,	20502,	10245,	10348,
..... 10803, 10878	20503,	20505,	10349,	10353,
\@mptencolfootnotetext	20508,	20511,	10354,	10457,
..... 10801, 10853	20524,	20529,	10458,	10462,
\@mpthreecol@footgroupv@r	20530,	20531,	10463,	10566,
..... 10049	20533,	20534,	10567,	10571,
\@mpthreecolLTRfootnotetext	20536,	20539,	10572,	10675,
..... 10045, 10104	20542,	20550,	10676,	10680,
\@mpthreecolRTLfootnotetext	20551,	20553,	10681,	10784,
..... 10046, 10116	20556,	20559,	10785,	10789,
\@mpthreecolfootnotetext	20571,	20616,	10790,	10893,
..... 10044, 10093	20617,	20618,	10894,	10898,
\@mptwocol@footgroupv@r	20619,	20620,	10899,	11177,
..... 9940	20621,	20622,	11183,	11187,
\@mptwocolLTRfootnotetext	20623,	20624,	11193,	11197,
..... 9936, 9999	20639,	20640,	11202,	11206,
\@mptwocolRTLfootnotetext	20641,	20642,	11211,	11658,
..... 9937, 10012	20644,	20645,	17890,	18544,
\@mptwocolfootnotetext	20647,	20650,	19229,	20120,
..... 9935, 9987	20653,	20661,	20392,	20393,
\@namedef .....	20662,	20664,	20394,	20397,
4702,	20667,	20670,	20400,	20405,
4853, 7040, 9891,	20683,	20924,	20406,	20411,
9926, 10025,	20925,	20926,	20415,	20416,
10030, 10035,	20927,	20928,	20418,	20419,
10128, 10133,	20929,	20930,	20421,	20422,
10138, 10237,	20931,	20932,	20424,	20425,
10242, 10247,	20971,	20977,	20427,	20428,
10346, 10351,	20984,	20990,	20435,	20440,
10356, 10455,	20997,	21001,	20441,	20524,
10460, 10465,				



20571, 20575,	17422, 17720,	13648, 13657,
20576, 20588,	17747, 17749,	13659, 13671, 20035
20598, 20599,	17964, 18131,	\@ninecol@footgroupv@r
20683, 20687,	18373, 18400,	..... 10691
20688, 20709,	18402, 18618,	\@ninecolLTRfootfmt
20725, 20728,	18806, 19058,	. 10717, 10738, 10766
20729, 20733,	19085, 19087,	\@ninecolLTRfootnotetext
20739, 20740,	19303, 19483,	..... 10686, 10710
20741, 20745,	19849, 19853,	\@ninecolRTLfootfmt
20748, 20752,	19914, 19923,	. 10727, 10741, 10778
20754, 20768,	19930, 20232,	\@ninecolRTLfootnotetext
20770, 20772,	20575, 20576,	..... 10687, 10720
20778, 20796,	20687, 20688,	\@ninecolfootfmt ..
20797, 20799,	20918, 21619,	. 10707, 10735, 10753
20800, 20810,	21766, 21912,	\@ninecolfootnotetext
20812, 20815,	21953, 21988,	..... 10685, 10700
20816, 20818,	21990, 21991,	\@nmbrlistfalse .. 21920
20820, 20821,	21992, 21997,	\@nobreakfalse . 520,
20829, 20831,	21999, 22000,	672, 916, 1155,
20835, 20836,	22001, 22006,	7164, 7341, 7628,
20840, 20844,	22008, 22009,	9483, 11319,
20848, 20849,	22010, 22015,	16710, 17082,
20918, 20951,	22017, 22018,	17297, 17482,
20958, 20963,	22019, 22095,	20179, 20183, 20718
20964, 20971,	22097, 22140, 22404	\@nobreaktrue .. 519,
21050, 21057,	\@newlistfalse ....	671, 915, 1154,
21128, 21195,	..... 11702, 22465	7163, 7340, 7627,
21705, 21739, 22476	\@next ..... 2765,	9482, 11318,
\@ne .... 137, 142, 353,	5712, 5713, 5756,	16709, 17081,
362, 365, 459, 810,	5757, 5800, 5801,	17296, 17481,
1062, 1312, 1378,	22326, 22327,	20178, 20182, 20717
1387, 1390, 1391,	22370, 22371, 22403	\@nocnterr ..... 331
1392, 1425, 1428,	\@nextchar .... 359,	\@nocounterr ..... 330
1429, 1430, 1700,	361, 362, 363,	\@nodocument ..... 2744
1715, 1730, 1853,	365, 366, 367, 368,	\@noitemerr ..... 95,
2273, 2278, 2279,	369, 372, 373, 374,	298, 587, 719, 982,
2280, 2775, 3077,	1384, 1386, 1387,	1232, 1911, 3069,
3105, 3140, 3441,	1388, 1390, 1391,	7213, 7401, 7713,
3495, 3549, 4276,	1392, 1393, 1394,	9272, 9546, 11380,
4435, 4506, 4567,	1395, 1396, 1399,	13752, 15997,
5060, 5069, 7568,	1400, 1401, 1413,	16764, 17158,
8018, 9327, 9424,	1415, 1416, 1481,	17355, 17558,
11427, 12035,	1482, 1483, 7839,	18098, 18105,
12049, 12063,	7840, 7841, 19920,	18773, 18780,
12375, 13481,	19922, 19923,	19450, 19457, 20082
13482, 13487,	19924, 19925,	\@nonlatinfalse 2058,
13975, 14031,	19926, 19927,	2177, 14065, 14109
14038, 14047,	19928, 19930,	\@nonlatintrue . 2059,
14058, 14468,	19931, 19932,	2179, 14065, 14109
15261, 15338,	19933, 19934,	\@normalLTRfootfmt
15601, 16060,	19937, 19938, 19939	... 9642, 9687, 9710
16080, 16855,	\@nil ..... 1466,	\@normalRTLfootfmt
16996, 17193,	1467, 1469, 1470,	... 9636, 9673, 9721
17236, 17240,	7828, 8748, 8805,	\@normalcr ..... 14609



\@normalfootfmt ...	12480,	12519,	\@ovyy ... 11489, 11490,
... 9630, 9659, 9699	12531,	12565,	11491, 11499, 11505
\@notprerr ... 4019, 4034	12567,	12578,	\@pagedp ... 22432, 22442
\@onx ... 124,	12603,	12606,	\@pageht ... 8177,
125, 334, 13818, 13819	12607,	14552,	8183, 22415, 22422
\@nxtcol ...	14554,	14556,	\@par ... 20852
. 11650, 11652, 11693	15403,	15406,	\@para@LTRfootgroupv@l
\@oddfoot 2450, 11663,	15407,	15437,	... 10967, 11025
11670, 22479, 22496	15462,	15465,	\@para@footgroupv@r
\@oddhead ... 11662,	15467,	15479,	... 10960, 11018
11669, 22479, 22495	15503,	15506,	\@para@footstartv@l
\@oldmakefnmark 17839,	15507,	15537,	... 10968, 11026
17840, 17960,	15562,	15565,	\@para@footstartv@r
17961, 18493,	15567,	15577,	... 10961, 11019
18494, 18614,	16126,	16129,	\@paraLTRfootfmt ..
18615, 19178,	16134,	22171,	. 11095, 11114, 11158
19179, 19299, 19300	22174,	22175,	\@paraLTRfootnotetext
\@onefilewithoptions	22189,	22201,	. 10954, 11012, 11086
... 4649, 4650, 4657	22218,	22221,	\@paraRTLfootfmt ..
\@onelevel@sanitize 2747	22222,	22236,	. 11107, 11118, 11172
\@onlypreamble ....	22246,	22265,	\@paraRTLfootnotetext
.... 2154, 4872,	22267,	22281,	... 10955, 11098
4882, 4886, 11067	22283, 22294, 22523		\@parafootfmt ....
\@openbib@code ....	\@outputdblcol 11649,		. 11083, 11110, 11144
..... 578, 713,	22259, 22260, 22261		\@parafootnotetext
976, 1226, 3062,	\@outputpage ... 8096,		. 10953, 11010, 11068
3073, 7207, 7395,	8100, 8155, 8159,		\@parboxrestore . 42,
7704, 9266, 9537,	11559, 11562,		56, 72, 245, 259,
11374, 16758,	11597, 11601,		274, 1656, 1673,
17152, 17346,	11677, 11681,		1690, 1705, 1720,
17549, 18081,	11686, 11697,		1735, 2814, 5463,
18756, 19433, 20073	12432, 12436,		5731, 5775, 5819,
\@otarlinesep 19809, 19815	12485, 12489,		7758, 9695, 9706,
\@outerparskip ... 7081	14535, 14547,		9717, 9843, 9992,
\@outputbox .... 8053,	15485, 15490,		10004, 10017,
8056, 8057, 8071,	15582, 15587,		10098, 10109,
8083, 8088, 8090,	16118, 16119,		10121, 10204,
8116, 8119, 8120,	22206, 22210,		10216, 10229,
8134, 8144, 8147,	22249, 22253, 22460		10313, 10325,
8149, 9805, 9807,	\@ovbtrue ... 11485		10338, 10422,
11239, 11241,	\@ovdx ... 11498, 11506		10434, 10447,
11242, 11247,	\@ovdy ... 11499, 11507		10531, 10543,
11262, 11264,	\@ovhorz ... 11504, 11505		10556, 10640,
11278, 11289,	\@ovltrue ... 11485		10652, 10665,
11531, 11534,	\@ovri ... 11497		10749, 10761,
11547, 11556,	\@ovro 11497, 11506, 11507		10774, 10858,
11567, 11570,	\@ovrtrue ... 11485		10870, 10883,
11584, 11594,	\@ovttrue ... 11485		11139, 11153,
11675, 11680,	\@ovttrue ... 11485		11167, 11181,
11727, 12395,	\@ovvert ... 11502, 11503		11191, 11702,
12402, 12403,	\@ovxx ... 11487,		11980, 11997,
12419, 12429,	11488, 11491,		12013, 12041,
12444, 12451,	11498, 11503,		12055, 12069,
12452, 12468,	11504, 11508, 11509		12087, 15386,



15600, 21971,	17060, 17073,	9224, 9226, 9477,
22345, 22389, 22466	17089, 17096,	9478, 9480, 11313,
\@parboxto . 21974, 21981	17289, 17303,	11314, 11316,
\@parmoderr . . . . .	17371, 17473,	11328, 11329,
2763, 5709, 5753,	17488, 17777,	11333, 13794,
5797, 22323, 22367	17784, 17793,	13796, 15672,
\@part . . . . . 550, 9230	17856, 17882,	16704, 16705,
\@pboxswfalse 12078, 21957	17927, 18255,	16707, 16727,
\@pboxswtrue . . . . . 21979	18273, 18288,	16728, 16732,
\@pdfm@mark . . . . .	18289, 18306,	17076, 17077,
. . 13489, 13505,	18307, 18316,	17079, 17099,
13539, 13570,	18317, 18326,	17100, 17104,
13599, 13674,	18337, 18431,	17291, 17292,
13679, 13690,	18438, 18447,	17294, 17306,
13695, 13706,	18510, 18536,	17307, 17311,
13712, 13723, 13729	18581, 18929,	17476, 17477,
\@pdfmotestartview	18948, 18971,	17479, 17491,
. . . . . 13520	18972, 18991,	17492, 17496,
\@phone . . 2947, 8580, 8678	18992, 19001,	20042, 20051,
\@photo . . . . . 2952,	19002, 19011,	20053, 20441,
8553, 8555, 8684, 8686	19022, 19116,	20590, 20591,
\@photowidth . . . 2951,	19123, 19132,	20603, 20702,
2952, 8555, 8651	19195, 19221,	20703, 20712,
\@pkgextension . . . .	19266, 19606,	20977, 20984,
4677, 4688, 4752,	19625, 19648,	21317, 21422, 22120
4761, 4769, 4772, 4780	19649, 19668,	\@preamble . . . . 393,
\@plus 24, 103, 223, 510,	19669, 19678,	394, 404, 406,
527, 602, 617, 646,	19679, 19688,	1438, 1446, 14472,
649, 662, 680, 687,	19699, 19720,	19788, 19790,
866, 873, 876, 889,	19986, 20015,	19797, 19827,
906, 924, 1118,	20136, 20411,	19828, 19836,
1129, 1132, 1145,	20579, 20582,	22077, 22079, 22088
1163, 1171, 2986,	20586, 20691,	\@preameightfmt 10621,
3072, 5168, 5169,	20694, 20698,	10627, 10630, 10633
5170, 5177, 5178,	20773, 21111,	\@preamerr . . . . .
5179, 5181, 5182,	21114, 21118,	. 375, 1402, 1432,
6387, 6388, 6389,	21226, 21410, 22108	19940, 22086, 22099
6391, 6392, 6458,	\@pnumwidth . . . . . 13,	\@preamfivefmt 10294,
7128, 7139, 7142,	15, 208, 210, 513,	10300, 10303, 10306
7155, 7171, 7178,	514, 516, 530, 531,	\@preamfntext . . 9654,
7305, 7316, 7319,	535, 665, 666, 668,	9668, 9682, 9838,
7332, 7348, 7355,	690, 691, 695, 892,	9946, 9956, 9966,
7516, 7619, 7634,	893, 897, 909,	10055, 10064,
9206, 9220, 9475,	910, 912, 1148,	10073, 10158,
11112, 11116,	1149, 1151, 1174,	10168, 10178,
11120, 11310,	1175, 1179, 7158,	10267, 10277,
11325, 12275,	7159, 7161, 7181,	10287, 10376,
12313, 13761,	7182, 7186, 7335,	10386, 10396,
13781, 15652,	7336, 7338, 7358,	10485, 10495,
15664, 15987,	7359, 7363, 7622,	10505, 10594,
16656, 16685,	7623, 7625, 7637,	10604, 10614,
16688, 16701,	7638, 7642, 7903,	10703, 10713,
16717, 16724,	7908, 7909, 9209,	10723, 10812,
16911, 17057,	9210, 9214, 9223,	10822, 10832,



11078, 11090, 11102	\@rc@ifdefinable ..	\@s@size ..... 19822
\@preamfourfmt 10185,	..... 3428, 3685	\@s@bidi@AfterClass
10191, 10194, 10197	\@regtocline ... 643,	..... 4709,
\@preamninefmt 10730,	681, 698, 870,	4718, 4730, 4739
10736, 10739, 10742	900, 925, 1126,	\@s@bidi@AfterPackage
\@preamnormalfmt 9626,	1164, 1182, 7136,	..... 4754,
9631, 9637, 9643	7172, 7190, 7313,	4762, 4773, 4781
\@preamsevenfmt 10512,	7349, 7367, 16682,	\@sarray ..... 19781
10518, 10521, 10524	16718, 16736,	\@savemarbox ..... 22444
\@preamsixfmt . 10403,	17054, 17090, 17108	\@secondoftwo .. 2033,
10409, 10412, 10415	\@rememsize . 19819, 19822	2039, 2045, 3296,
\@preamtenfmt . 10839,	\@removefromreset .	3300, 3308, 3312,
10845, 10848, 10851	..... 16006, 16008	3320, 3324, 3330,
\@preamthreefmt 10079,	\@reqcolroom ... 8177,	3338, 3351, 3360,
10085, 10088, 10091	8178, 8179, 8180,	3369, 3378, 3384,
\@preamtwofmt .. 9973,	8182, 8183, 8184,	3387, 3398, 3403,
9979, 9982, 9985	8185, 8186, 8187, 8427	3410, 3783, 3793,
\@printcites ..... 16543	\@resetactivechars	3794, 3795, 3796,
\@pstrickserr .... 16497	..... 11700, 22463	3802, 3811, 3817,
\@ptsize ..... 2850,	\@resetdyn@mics .. 11688	3841, 3869, 3897,
2851, 2852, 2853, 2860	\@resetst@tics ... 11687	3946, 3958, 3959,
\@publisher ... 6550, 6603	\@restonecolfalse .	3968, 4614, 4742, 4784
\@publishers .. 17883,	... 98, 218, 592,	\@secpenalty .. 5, 200,
18028, 18537,	608, 857, 1109,	509, 526, 661, 679,
18682, 19222, 19367	7119, 7296, 7506,	686, 888, 905, 923,
\@quote ..... 2953,	13756, 16647,	1144, 1162, 1170,
8559, 8561, 8688, 8690	16902, 17361, 20094	9205, 9219, 13786,
\@quotebox ..... 16542	\@restonecoltrue ..	20027, 20159,
\@quotecolour .....	... 98, 218, 594,	20214, 20578,
... 2915, 2932, 3042	610, 859, 1111,	20585, 20690, 20697
\@r@m@size ..... 19822	7121, 7298, 7508,	\@sectiontitlecolour
\@raggedtwoe@abdhook	13756, 16649,	..... 2916, 2933
. 16617, 16622, 16632	16904, 17363, 20096	\@seesize .. 19819, 19822
\@raggedtwoe@document@opt	\@resumename .. 2885, 2941	\@setcol ..... 11694
. 16616, 16620, 16638	\@revlabeltrue . 743,	\@setcolbox . 11655, 11691
\@raggedtwoe@everyselectfont	995, 1245, 7246,	\@setcopyright 112, 13806
..... 16556,	7423, 16788, 16927	\@setfontsize .....
16569, 16582, 16593	\@rightcolumn . 15429,	5167, 5176, 6386,
\@raggedtwoe@footmisctrue	15434, 15435,	6396, 6397, 6398,
..... 16619	15444, 15445,	6399, 6400, 6401, 6402
\@raggedtwoe@gnewline	15453, 15457,	\@setfpsbit .....
. 16549, 16562, 16575	15463, 15529,	... 2779, 2782, 2785
\@raggedtwoe@raggedrightboxes@opt	5534, 15535,	\@setmarks .... 8063,
..... 16595,	15544, 15545,	8065, 8095, 8126,
16614, 16618, 16635	15553, 15557, 15563	8128, 8154, 11540,
\@raggedtwoe@sav@gnewline@rightskip	... 14605,	11542, 11559,
..... 16586	16551, 16552,	11576, 11578,
\@raggedtwoe@sav@dc	16564, 16565,	11596, 12409,
..... 16546,	16577, 16578,	12411, 12431,
16559, 16572, 16585	16588, 16589, 22022	12458, 12460,
\@raggedtwoe@spaceskipfalse@rjfieldfalse	... 22450	12484, 15413,
..... 16592	\@runbordercolor ..	15415, 15484,
\@raggedtwoe@spaceskiptrue	..... 13545, 13547	15513, 15515,
. 16555, 16568, 16581	\@runcolor ..... 13561	15581, 22181,



22183, 22205, 22228, 22230, 22248	\@star@or@long . 3423, 3655, 3679, 3690	\@tabularcr . . . . . 2694, 14454, 19777, 21885, 22065
\@setminipage . . 5465, 12094, 12369, 15388	\@startcolumn . . . . 12494	\@tagsextension 3229, 3232
\@setpar . . . . . 17190, 17233, 17743, 17754, 18396, 18408, 19081, 19093	\@startdblcolumn . . . . . 8099, 8101, 8158, 8160, 11560, 11562, 11600, 11601, 11684, 11686, 12435, 12437, 12488, 12490, 15488, 15491, 15585, 15588, 22209, 22211, 22252, 22254	\@tarlinesep . . 19815, 19816, 19817, 19818, 19821, 19823
\@settab . . . . . 7048	\@stopfield . . . . . 7090	\@temp@bibkey . . 5920, 5939, 5958, 5986
\@sevenscol@footgroupv@r . . . . . 10473	\@startpbox . . . . 1415, 1416, 1481, 1482, 1483, 7839, 7840, 7841, 14451, 14452, 14458, 19791, 19829, 22080	\@temp@bibkeyx . . . . . 5925, 5926, 5928, 5929, 5930, 5931, 5944, 5945, 5947, 5948, 5949, 5950, 5963, 5964, 5966, 5967, 5968, 5969, 5995, 5996, 5998, 5999, 6000, 6001
\@sevenscolLTRfootfmt . 10499, 10520, 10548	\@startsection 23, 13780	\@temp@last@bibkey . . . . . 5919, 5920, 5926, 5938, 5939, 5945, 5957, 5958, 5964, 5985, 5986, 5996
\@sevenscolLTRfootnotetext . . . . . 10468, 10492	\@starttoc . . . 6353, 6361	\@tempa . . . . . 123, 126, 133, 134, 135, 136, 790, 792, 794, 798, 1042, 1044, 1046, 1050, 1292, 1294, 1296, 1300, 1758, 1784, 1810, 3107, 3114, 3145, 3146, 3149, 3252, 3253, 3256, 3258, 3260, 3261, 3264, 3266, 3268, 3269, 3272, 3274, 3276, 3277, 3280, 3282, 3442, 3452, 3458, 3470, 3477, 3483, 3496, 3506, 3512, 3524, 3531, 3537, 3550, 3563, 3569, 3587, 3597, 3603, 11486, 12671, 12672, 12673, 12674, 12711, 12714, 12715, 12721, 12732, 12733, 12739, 12744, 12745, 12747, 12750, 12807, 12808, 12809, 12810, 13267, 13271,
\@sevenscolRTLfootfmt . 10509, 10523, 10560	\@stopfield 7055, 7070, 7074, 7102, 22450	
\@sevenscolRTLfootnotetext . . . . . 10469, 10502	\@stopline . . 7074, 22450	
\@sevenscolfootfmt . 10489, 10517, 10535	\@stpelt . 4141, 4145, 4147	
\@sevenscolfootnotetext . . . . . 10467, 10482	\@strip . . . . . 15597	
\@sharp . . . . . 400, 1440, 1441, 1442, 1448, 1449, 1450, 13648, 13654, 14464, 19793, 19828, 19834, 22083	\@subjclass . . . . . 324	
\@sixcol@footgroupv@r . . . . . 10364	\@subject 17864, 17865, 18027, 18518, 18519, 18681, 19203, 19204, 19366	
\@sixcolLTRfootfmt . 10390, 10411, 10439	\@subsectioncolour . . . . . 2918, 2934	
\@sixcolLTRfootnotetext . . . . . 10359, 10383	\@subtitle . . . 17870, 18023, 18524, 18677, 19209, 19362	
\@sixcolRTLfootfmt . 10400, 10414, 10451	\@tabacol 2692, 14449, 19775, 21883, 22063	
\@sixcolRTLfootnotetext . . . . . 10360, 10393	\@tabarray . 381, 405, 409, 2694, 14436, 14438, 21878, 21885, 22065, 22091	
\@sixcolfootfmt . . 10380, 10408, 10426	\@tabclassiv . . . . . 2694, 14450, 19777, 21885, 22065	
\@sixcolfootnotetext . . . . . 10358, 10373	\@tabclassz . . . . . 1443, 2693, 14450, 19776, 21884, 22064	
\@skip@bove . 19813, 19815	\@tabcr . . . . . 7051, 7061	
\@spaces . . . . . 19851, 19892, 19897	\@tabminus . . . . . 7049	
\@spart . . . . . 9249	\@tabplus . . . . . 7048	
\@specialpagefalse . . . . . 11657, 22476	\@tabular 377, 2680, 22061	
\@specialstyle . . . . . 11658, 22476		
\@stabarray . . . . . 19777		
\@stabular . . . . . 19773		



13274, 13286,	12637, 12733,	\@tempcntb . . . . .
13305, 13309,	12750, 12899,	2793, 2794, 2795,
13312, 13324,	13080, 13082,	16086, 16087,
13817, 13820,	14068, 14073,	16094, 16098, 16111
13871, 13872,	14077, 14481,	\@tempdima . . . . 8, 10,
14516, 14517,	14482, 14485,	12, 14, 203, 205,
14519, 14520,	15314, 15317,	207, 209, 385, 386,
16009, 16010,	15321, 15323,	388, 511, 528, 533,
16011, 16014,	15329, 15331,	651, 664, 688, 693,
16021, 16027,	15332, 15361,	878, 879, 890, 895,
16835, 16837,	15362, 15366,	908, 1134, 1147,
16839, 16843,	16261, 16262,	1172, 1177, 1460,
16976, 16978,	16265, 19874,	1461, 1493, 1494,
16980, 16984,	19894, 21369,	1495, 2847, 2849,
17567, 17568,	21372, 21377,	6374, 6375, 7144,
17610, 17611,	21381, 21385,	7157, 7179, 7184,
17742, 18083,	21389, 21393,	7321, 7334, 7356,
18086, 18395,	21397, 21401,	7361, 7620, 7635,
18758, 18761,	21405, 22046,	7640, 7851, 7852,
19080, 19435,	22047, 22102,	7853, 7901, 7906,
19438, 19900,	22103, 22104,	8717, 8718, 8719,
19902, 19907,	22105, 22329,	8720, 8738, 8739,
19909, 21408,	22373, 22511,	8740, 8741, 8747,
21425, 21429,	22518, 22519,	8749, 8750, 8754,
21430, 21431,	22548, 22549, 22553	8755, 8756, 8757,
21440, 21454,	\@tempc . 12713, 12715,	8758, 8766, 8770,
21630, 21633,	12721, 13899, 13904	8773, 8774, 8775,
21639, 21643, 21657	\@tempcnta 1406, 1465,	8789, 8790, 8791,
\@tempb . . . . . 3145,	1466, 1467, 1469,	8804, 8806, 8807,
3146, 3148, 3149,	1470, 2767, 2773,	8811, 8812, 8813,
12671, 12672,	2775, 2788, 2789,	8814, 8815, 8821,
12712, 12714,	2795, 2796, 3122,	8824, 8827, 8828,
12742, 12744,	3124, 3128, 7826,	8829, 8841, 8842,
12745, 12747,	7828, 8746, 8803,	8843, 9059, 9060,
12750, 16013,	13938, 13940,	9065, 9066, 9067,
16014, 16020,	13943, 13966,	9068, 9069, 9184,
16021, 16026, 16027	13967, 13975,	9186, 9188, 9207,
\@tempboxa 5715, 5759,	16085, 16087,	9212, 9222, 10947,
5803, 8193, 8194,	16088, 16094,	10981, 10982,
8771, 8772, 8773,	16098, 16111,	10983, 10984,
8774, 8776, 8825,	16167, 16169,	10986, 10995,
8826, 8827, 8828,	16173, 16176,	10996, 10999,
8830, 9889, 11497,	16178, 17935,	11000, 11043,
11501, 11509,	17937, 18589,	11044, 11045,
11510, 11635,	18591, 19274,	11046, 11048,
11636, 11637,	19276, 19887,	11057, 11058,
12083, 12107,	21216, 21217,	11061, 11062,
12212, 12257,	21218, 21237,	11249, 11251,
12264, 12274,	21238, 21239,	11312, 11326,
12277, 12281,	21241, 21243,	11331, 11498,
12283, 12289,	21325, 21326,	11499, 11502,
12323, 12325,	21327, 22404,	11503, 12081,
12331, 12344,	22406, 22409,	12085, 12606,
12348, 12349,	22411, 22413, 22435	12608, 12730,



12732,	12737,	20330,	20345,	18416,	19096,
12739,	12740,	20349,	20365,	19097,	19099,
12742,	12755,	20369,	20400,	19101,	19820,
12760,	12765,	20404,	20588,	19823,	19825,
12769,	13789,	20594,	20700,	21234,	21240,
13791,	13793,	20740,	20744,	21242,	21247,
13795,	13914,	20747,	20751,	21249,	21252,
13919,	13935,	20754,	20756,	21256,	21260,
13936,	13941,	20796,	20799,	21268,	21270,
14446,	14456,	20800,	20804,	21271,	21284,
14461,	15432,	21233,	21235,	21290,	21292,
15436,	15532,	21264,	21267,	21595,	21596,
15536,	15597,	21274,	21277,	21598,	21600,
15622,	15645,	21281,	21286,	21603,	21604,
15657,	15658,	21289,	21301,	21606,	21609,
15669,	15670,	21334,	21336,	21623,	21624,
16089,	16690,	21337,	21340,	21625,	21629,
16703,	16725,	21343,	21347,	21642,	21646,
16730,	17062,	21354,	21356,	21647,	21973, 21974
17075,	17097,	21415,	21416,	\@tempdimc 7821,	17741,
17102,	17191,	21429,	21431,	17752,	17753,
17192,	17193,	21439,	21446,	17767,	18394,
17234,	17235,	21592,	21593,	18406,	18407,
17236,	17304,	21612,	21623,	18421,	19079,
17309,	17474,	21624,	21625,	19091, 19092, 19106	
17489,	17494,	21626,	21638,	\@tempskipa . . . . .	
17612,	17613,	21641,	21647,	... 7080, 7081, 7082	
17744,	17745,	21648,	21970,	\@tempswafalse . 1524,	
17747,	17749,	21971,	22113,	1525, 4889, 4936,	
17755,	17756,	22114,	22414,	8758, 8815, 12678,	
17760,	17762,	22415,	22416,	17893, 18547,	
18156,	18157,	22417,	22420,	19232, 21677, 21720	
18397,	18398,	22423,	22426,	\@tempwatrue . . . . .	
18400,	18402,	22428, 22451, 22452		1524, 4888, 4933,	
18409,	18410,	\@tempdimb . . . . 7820,		8752, 8809, 17889,	
18414,	18416,	8274, 8294, 8717,		18543, 19228, 22163	
18831,	18832,	8718, 8738, 8739,		\@temptokena 121, 125,	
19082,	19083,	8790, 8792, 8795,		13815, 13819, 16153	
19085,	19087,	8842, 8844, 8847,		\@tempx . . . . . 6982,	
19094,	19095,	9062, 9065, 10997,		6983, 13345, 13357	
19099,	19101,	10998, 10999,		\@tempxi . . . . . 6985,	
19508,	19509,	11059, 11060,		6986, 13376, 13388	
19820,	19823,	11061, 11491,		\@tempxii . . . . . 6988,	
19825,	19888,	11492, 11493,		6989, 13407, 13419	
19947,	19948,	11494, 11496,		\@tempy . . . . . 2700, 2701	
19949,	20169,	12731, 12732,		\@tempyi . . . . . 2703, 2704	
20173,	20200,	12738, 12739,		\@tempyii . . . . 2706, 2707	
20204,	20223,	12741, 12742,		\@tencol@footgroupv@r	
20227,	20240,	13936, 13937,		... 10800	
20244,	20257,	13939, 15597,		\@tencolLTRfootfmt	
20261,	20274,	15622, 17757,		. 10826, 10847, 10875	
20278,	20291,	17758, 17760,		\@tencolLTRfootnotetext	
20295,	20308,	17762, 18411,		... 10795, 10819	
20312,	20326,	18412, 18414,			





<code>\@tencolRTLfootfmt</code>	17006,	17014,	10655,	10667,
. 10836, 10850, 10887	17209,	17217,	10705,	10715,
<code>\@tencolRTLfootnotetext</code>	17250,	17258,	10725,	10751,
..... 10796, 10829	17396,	17404,	10764,	10776,
<code>\@tencolfootfmt</code> ...	17432,	17440,	10814,	10824,
. 10816, 10844, 10862	17886,	17905,	10834,	10860,
<code>\@tencolfootnotetext</code>	17928,	18009,	10873,	10885,
..... 10794, 10809	18019,	18540,	11080,	11092,
<code>\@testopt</code> ..... 3657,	18559,	18582,	11104,	11141,
3675, 14443, 14444	18663,	18673,	11155,	11169,
<code>\@testpach</code> 352, 1377,	19225,	19244,	11422,	11425,
1422, 19913, 22092	19267, 19348, 19358		11946,	11951,
<code>\@texfileextension</code>	<code>\@thefnmark</code> 44, 58, 74,		11955,	11960,
..... 3231, 3234	247, 261, 276, 454,		11982,	11999,
<code>\@textbottom</code> .. 11244,	457, 744, 806, 808,		12015,	12043,
12609, 17777,	996, 1060, 1246,		12057,	12071,
17784, 18431,	1308, 1310, 1658,		12114,	12119,
18438, 19116, 19123	1675, 1692, 1707,		12129,	12134,
<code>\@textsuperscript</code> .	1722, 1737, 1765,		12170,	12174,
454, 457, 744, 806,	1771, 1791, 1797,		12176,	12182,
808, 996, 1060,	1817, 1823, 2480,		12186,	12188,
1246, 1308, 1310,	2483, 2723, 2731,		12194,	12198,
2480, 2483, 6025,	2739, 6025, 6027,		12200,	12620,
6027, 7247, 7424,	6061, 6079, 6097,		13127,	13138,
7563, 7566, 9322,	6123, 6129, 6152,		13149,	13160,
9325, 9419, 9422,	6158, 6181, 6187,		13278,	13316,
11422, 11425,	7003, 7010, 7017,		13349,	13380,
15257, 16789,	7247, 7424, 7563,		13411,	13474,
16851, 16853,	7566, 9322, 9325,		13777,	16789,
16928, 16992,	9419, 9422, 9657,		16851,	16853,
16994, 17188,	9671, 9685, 9697,		16928,	16992,
17195, 17231,	9708, 9719, 9760,		16994,	17188,
17238, 17417, 17420	9764, 9766, 9772,		17195,	17231,
<code>\@texttop</code> .. 11240, 12605	9776, 9778, 9784,		17238, 17417, 17420	
<code>\@tfor</code> ..... 2768, 11486	9788, 9790, 9948,		<code>\@thefoot</code> .... 11663,	
<code>\@thanks</code> ..... 433,	9958, 9968, 9994,		11666,	11670,
441, 469, 477,	10007, 10019,		22479,	22485,
775, 781, 820, 826,	10057, 10066,		22493, 22496, 22531	
1027, 1033, 1072,	10075, 10100,		<code>\@thehead</code> .... 11662,	
1078, 1277, 1283,	10112, 10123,		11665,	11669,
1322, 1328, 2485,	10160, 10170,		22479,	22485,
2491, 7278, 7284,	10180, 10206,		22492, 22495, 22515	
7455, 7461, 7542,	10219, 10231,		<code>\@themargin</code> ... 11719,	
7550, 7578, 7586,	10269, 10279,		12775,	12777,
9303, 9309, 9337,	10289, 10315,		12782,	12784,
9343, 9398, 9406,	10328, 10340,		12788,	12790,
9434, 9442, 11403,	10378, 10388,		22481,	22483,
11409, 11437,	10398, 10424,		22487, 22489, 22508	
11443, 12109,	10437, 10449,		<code>\@thm</code> ..... 16042, 16063	
12123, 12126,	10487, 10497,		<code>\@thmcountersep</code> 350, 21903	
15250, 15273,	10507, 10533,		<code>\@threecol@footgroupv@r</code>	
16820, 16826,	10546, 10558,		..... 10043	
16865, 16871,	10596, 10606,		<code>\@threecolLTRfootfmt</code>	
16959, 16967,	10616, 10642,		. 10068, 10087, 10114	



\@threecolLTrfootnotetext	16631, 20164,	1069, 1319, 6636,
..... 10038, 10061	20195, 20218,	7575, 9334, 9431,
\@threecolRTLfootfmt	20235, 20252,	11434, 13805,
. 10077, 10090, 10125	20269, 20286,	15270, 16862,
\@threecolRTLfootnotetext	20303, 20321,	17003, 17247, 17429
..... 10039, 10070	20340, 20360,	\@topsep ... 16056, 16076
\@threecolfootfmt .	20395, 20446,	\@topsepadd .....
. 10059, 10084, 10102	20990, 20997,	. 2611, 16057, 16077
\@threecolfootnotetext	21294, 21411, 22109	\@totalleftmargin .
..... 10037, 10052	\@todonotes@MissingFigureDown	.. 12359, 12363,
\@title .... 320, 423,	..... 21573	12366, 12375,
444, 480, 494, 753,	\@todonotes@MissingFigureText	13957, 13958,
755, 783, 828, 841,	..... 21550	13979, 14604,
1005, 1007, 1035,	\@todonotes@MissingFigureUp	16059, 16060,
1080, 1093, 1255,	..... 21572	16079, 16080,
1257, 1285, 1330,	\@todonotes@author	16605, 21929,
1344, 1355, 2494,	..... 21483,	21931, 21937,
2883, 2944, 6558,	21494, 21519, 21537	21939, 21943,
6643, 7256, 7258,	\@todonotes@currentfigcolor	21945, 21949,
7286, 7433, 7435,	..... 21554	21951, 21953,
7463, 7532, 7553,	\@todonotes@currentfigheight	21988, 21990,
7589, 7603, 8669,	..... 21555	21991, 21992,
9293, 9312, 9346,	\@todonotes@currentfigwidth	21997, 21999,
9358, 9388, 9409,	..... 21555,	22000, 22001,
9445, 9459, 11393,	21557, 21567, 21570	22006, 22008,
11412, 11446,	\@todonotes@drawInlineNote	22009, 22010,
11458, 15251,	..... 21478	22015, 22017,
16798, 16800,	\@todonotes@drawLineToLeftMargin	22018, 22019, 22451
16828, 16873,	..... 21506, 21509	\@traditionalpoem .
16886, 16937,	\@todonotes@drawLineToRightMargin	..... 6931, 7023
16939, 16969,	..... 21506, 21509	\@trivlist ... 16053,
17016, 17032,	\@todonotes@drawMarginNote	16073, 17719,
17043, 17199,	. 21505, 21508, 21512	18372, 19057, 21922
17220, 17261,	\@todonotes@drawMarginNoteWithLine	..... 9934
17275, 17386,	..... 21500	\@twocolLTrfootfmt
17407, 17443,	\@todonotes@ifdisabled	.. 9960, 9981, 10009
17457, 17868,	..... 21579	\@twocolLTrfootnotetext
18022, 18522,	\@todonotes@sizecommand	..... 9929, 9953
18676, 19207, 19361	..... 21483,	\@twocolRTLfootfmt
\@titlecolour . 2913, 2930	21485, 21492,	.. 9970, 9984, 10021
\@titlehead .....	21494, 21496,	\@twocolRTLfootnotetext
.. 17857, 17859,	21519, 21521,	..... 9930, 9963
18026, 18511,	21533, 21536,	\@twocolfootfmt ...
18513, 18680,	21537, 21539, 21542	... 9950, 9978, 9996
19196, 19198, 19365	\@todonotes@text ..	\@twocolfootnotetext
\@titlepageiscoverpagefalse	.. 21483, 21485,	..... 9928, 9943
. 17808, 18462, 19147	21494, 21496,	\@twosidefalse .... 5151
\@tocextra .....	21519, 21521,	\@twosidettrue .... 5146
.. 20120, 20121,	21534, 21540, 21543	\@typeset@protect .
20125, 20127, 20130	\@todonotes@textwidth	..... 2639,
\@tocline .. 2, 197, 13783	..... 21517	2645, 2651, 2666
\@tocpagenum 15, 210, 13796	\@toodeep ... 1852, 21910	\@undeclaredcolor .
\@tocrmarg ... 15641,	\@topnum .....	..... 7866,
15653, 15665,	314, 466, 817,	



7874, 21670, 21671	17320, 17502,	\@xpt . . . . . 5167
\@undefined . . . . .	17779, 18433,	\@xstartcol . . . . . 12512
. 2697, 14448, 15371	19118, 19786,	\@xthm . . . . . 16061, 16081
\@undottedtocline 15638	19825, 22075,	\@xtitle . . . . . 320
\@unexpandable@protect	22193, 22242, 22442	\@xxpt . . . . . 6401
. . . . . 3708, 5048	\@x . . . . . 7040, 7041	\@xxxii . . . . . 2794
\@unrecurse . 19810, 19813	\@x@sf 6034, 6039, 6045, 6048	\@xympar . . . . .
\@uppertitleback . .	\@xLTRfootnote . . . . .	5721, 5725, 5765,
. . 17892, 17899,	. . . . . 2688, 2810,	5769, 5809, 5813,
17908, 17943,	6881, 6892, 7098,	22335, 22339,
18029, 18546,	7112, 11954, 11957	22379, 22383, 22446
18553, 18562,	\@xLTRfootnotenext	\@yargdef . . . . . 3677
18597, 18683,	. . . . . 2687,	\@ympar . . . . . 22443
19231, 19238,	2809, 6880, 6891,	\@ythm . . . . . 16061, 16081
19247, 19282, 19368	7097, 7111, 12113,	\[ . . . . . 7048, 11605
\@urlbordercolor . .	12116, 13146, 19860	\ \ . . . . . 122, 404,
. . . . . 13576, 13578	\@xRTLfootnote . . . . .	751, 796, 1003,
\@urlcolor . . . . . 13590	. . . . . 2690, 2812,	1048, 1253, 1298,
\@viipt . . . . . 5176,	6883, 6894, 7100,	2694, 2991, 2997,
6396, 16097, 16110	7114, 11945, 11948	3144, 4166, 4182,
\@viipt 6396, 16097, 16110	\@xRTLfootnotenext	4186, 4415, 4417,
\@viper . . . 8102, 8104,	. . . . . 2689,	4418, 4419, 4427,
8106, 8161, 8163,	2811, 6882, 6893,	4432, 4433, 4435,
8165, 8179, 8186,	7099, 7113, 12128,	5481, 5482, 5483,
8430, 8481, 15598,	12131, 13135, 19861	5485, 6445, 6814,
15613, 15615, 15620	\@xaddress . . . . . 321	6952, 7254, 7431,
\@viperoutput . 8108, 8167	\@xauthor . . . . . 321	8557, 8558, 8561,
\@vipt . . . . . 6397	\@xcentercr . . . 18147,	8577, 8664, 8669,
\@vpt . . . . . 6397	18154, 18822,	8676, 8686, 8690,
\@whilenum . . . . . 13967	18829, 19499, 19506	9556, 9560, 9569,
\@whiles w . 8100, 8159,	\@xcolor@ . . . 21678, 21721	12979, 12982,
11561, 11601,	\@xcurraddr . . . . . 322	12995, 12998,
11685, 12436,	\@xemail . . . . . 322	13098, 13519,
12489, 15489,	\@xepersian@pdfcustomproperties	13534, 13553,
15586, 22210, 22253	. . . . . 2315	13816, 13836,
\@wholewidth . . . . .	\@xfloat . . . . . 2743	13840, 14030,
. 11488, 11490, 11508	\@xfootnote . . . . 2686,	14031, 14037,
\@width . . . . . 31,	2808, 6879, 6890,	14038, 14441,
235, 390, 540, 725,	7096, 7110, 13472	14609, 16171,
960, 1205, 1495,	\@xfootnotemark . . 13157	16183, 16546,
7219, 7372, 7648,	\@xfootnotenext . . .	16547, 16559,
7853, 8075, 8140,	. . . . . 2685, 2807,	16560, 16572,
8372, 8391, 8699,	6878, 6889, 7095,	16573, 16585,
9277, 9576, 9625,	7109, 13124, 19859	16796, 16841,
11359, 11590,	\@xipt . . . . . 6399	16935, 16982,
11893, 11895,	\@xipt . . . . . 6398	18140, 18149,
12337, 12425,	\@xivpt . . . . . 303, 6400	18815, 18824,
12472, 13774,	\@xmakefntext . . 807,	19492, 19501,
13845, 14463,	1309, 16852, 16993	19777, 19792,
14514, 14626,	\@xnewline . . . 18138,	19808, 19809,
15471, 15573,	18145, 18813,	19985, 20014,
15716, 15727,	18820, 19490, 19497	21516, 21523,
15759, 15810,	\@xp . . . . . 121, 308,	21885, 22022,
16741, 17164,	333, 334, 7767, 13815	22065, 22081, 22091



\{ . . . . 2556, 14746, 14790	\addpenalty . . . . . 5,	19083, 19091,
\} . . . . 2557, 14746, 21890	200, 509, 526, 661,	19092, 19095,
\] . . . . . 7049, 11615	679, 686, 888, 905,	19097, 20046,
\^ . . . . . 2324,	923, 1144, 1162,	20047, 20773,
6831, 6832, 6834, 6835	1170, 7154, 7170,	20783, 20787, 20791
\` . . . 12357, 14601, 16601	7177, 7331, 7347,	\addvspace . . . . . 5,
\  . . . 12236, 12237, 12352	7354, 7618, 7633,	200, 510, 527, 662,
<b>Numbers</b>	9205, 9219, 9474,	680, 687, 889,
\0 . . . . . 2278	11309, 11324,	906, 924, 1145,
\1 . . . 14688, 14739, 14791	13786, 16700,	1163, 1171, 6439,
\9 . . . . . 2278	16716, 16723,	6496, 7155, 7171,
	17072, 17088,	7332, 7348, 7619,
	17095, 17288,	9206, 9220, 9475,
	17302, 17472,	11310, 13786,
\_ . . . 2094, 2379, 5927,	17487, 20027,	16701, 16717,
5931, 5946, 5950,	20029, 20157,	17073, 17089,
5965, 5969, 5997,	20159, 20192,	17289, 17473,
6001, 12229, 12231	20214, 20578,	20161, 20215,
<b>A</b>	20581, 20585,	20579, 20586,
\abovecaptionskip .	20690, 20693, 20697	20691, 20694,
. . . . . 14066,	\address . . . . . 321, 2945	20698, 20728, 21228
15310, 15360,	\addresscolour . . . .	\adjmc@inner . . . . . 134
18189, 18193,	2914, 8509, 8607,	\adjmc@outer . . . . . 136
18206, 18215,	8613, 8619, 8625, 8631	\adjmc@page@sofar@orig
18864, 18868,	\addressfont . . . . .	. . . . . 164
18880, 18889,	2923, 2931, 3042,	\adjmult@cols . . . . . 163
19541, 19545,	8547, 8575, 8639, 8673	\adjmulticols . . . . . 132
19557, 19566, 22547	\addresssymbol . . . .	\adl@act@classz . . . 1498
\abovedisplayshortskip	. . . 2905, 8577, 8676	\adl@act@CT@setup .
. . . 5169, 5178, 6388	\adresstyle . . . . . 2931	. . . . . 1456, 1463
\abovedisplayskip .	\addtocontents . . . 20443	\adl@activate . 1373, 1456
5168, 5171, 5177,	\addtocounter 13959, 13960	\adl@argarraydashrule
5184, 5218, 6387, 6394	\AddToHook 3988, 4029, 4069	. . . . . 1392, 1430
\abstractname 629, 635,	\addtolength . . . . .	\adl@array . . . 1370, 1375
638, 936, 942, 944,	2865, 2866, 2867,	\adl@arraydashrule
1188, 1194, 1197,	2868, 2869, 2870,	. . . . . 1391, 1429
7195, 7383, 16668,	2968, 2969, 2971,	\adl@arrayinit . . . 1372
16674, 16677,	2973, 2974, 2977,	\adl@arrayrestore . 1367
17118, 17124, 17127	5253, 5256, 5257,	\adl@arrayrule 1390, 1428
\Acrobatmenu . . . . 13595	5260, 6411, 8655,	\adl@box . 1413, 1415, 1416
\active . . . . . 6831,	8656, 8657, 9068,	\adl@class@iiiorvii
6832, 6834, 6835	12832, 12833,	. . . . . 1419, 1452
\add@strip . . . . . 15622	13925, 13927,	\adl@class@start . .
\addcontentsline . .	13929, 13930,	. . . . . 1418, 1451
. . 553, 555, 2988,	13948, 13950,	\adl@CT@setup . . . .
5460, 9233, 9235,	13951, 13953,	. . . 1455, 1458, 1459
14097, 14102,	13954, 13956,	\adl@ddepth . . . . . 1462
15383, 20103,	13957, 13958,	\adl@endarray . . . . 1367
20110, 20127, 21550	13973, 13974,	\adl@endmbox . . . . . 1414
\AddExtraParaSkip .	17745, 17752,	\adl@everyvbox 1371, 1372
. 10939, 10942, 11067	17753, 17756,	\adl@extract@arc . . 1467
\addfontfeature 2911,	17758, 18398,	\adl@extract@dgdc . . 1470
2912, 2913, 2914,	18406, 18407,	\adl@extract@drsc . 1468
2915, 2916, 2918, 2919	18410, 18412,	\adl@height . . . . . 1461



\adl@inactivate	1373, 1455	11373,	11488,	18755,	18806,
\adl@LT@array	.... 13646	11490,	11492,	19060,	19062,
\adl@noalign	..... 1374	11498,	11499,	19432,	19483,
\adl@org@activate	. 1456	11506,	11507,	19738,	19809,
\adl@org@classz	... 1499	11508,	11678,	19823,	19833,
\adl@org@endpbox	.. 1457	11679,	12232,	19853,	19948,
\adl@org@inactivate	1455	12246,	12259,	19986,	20002,
\adl@putlrc	1410, 1411,	12260,	12292,	20015,	20019,
	1412, 1440, 1441,	12297,	12298,	20051,	20052,
	1442, 1448, 1449, 1450	12301,	12310,	20072,	20173,
\adl@startmbox	.... 1413	12374,	12501,	20204,	20227,
\advance	..... 12,	12502,	12506,	20244,	20261,
	90, 207, 293, 311,	12507,	12509,	20278,	20295,
	386, 533, 577, 693,	12510,	12513,	20312,	20330,
	712, 879, 895, 975,	12514,	12515,	20349,	20369,
	1177, 1225, 1460,	12516,	12635,	20404,	20445,
	1494, 1544, 1546,	13481,	13491,	20594,	20598,
	1548, 1549, 1620,	13747,	13793,	20709,	20744,
	1621, 1853, 1877,	13937,	13940,	20747,	20751,
	1898, 2278, 2279,	13941,	13975,	20804,	21217,
	2280, 2453, 2458,	14456,	14468,	21237,	21242,
	2775, 2789, 2795,	14531,	15424,	21292,	21293,
	3061, 3105, 3140,	15426,	15453,	21294,	21297,
	3441, 3495, 3549,	15454,	15457,	21301,	21326,
	4276, 4435, 4441,	15524,	15526,	21337,	21416,
	4451, 4506, 4523,	15553,	15554,	21439,	21593,
	4532, 5060, 5669,	15557,	15611,	21595,	21605,
	6375, 6450, 6801,	15612,	15613,	21624,	21625,
	6809, 6810, 7081,	15614,	15623,	21654,	21665,
	7184, 7206, 7361,	15645,	15658,	21666,	21912,
	7394, 7640, 7703,	15670,	15683,	21925,	21926,
	7852, 7860, 7861,	15812,	15813,	21929,	21931,
	7901, 8013, 8179,	15818,	15819,	21937,	21939,
	8180, 8183, 8186,	15822,	15823,	21943,	21945,
	8187, 8237, 8238,	16054,	16058,	21949,	21951,
	8239, 8301, 8441,	16059,	16074,	22049,	22050,
	8442, 8457, 8476,	16078,	16079,	22114,	22140,
	8477, 8707, 8717,	16087,	16178,	22415,	22416,
	8718, 8728, 8738,	16200,	16228,	22423,	22424,
	8739, 8755, 8756,	16235,	16277,	22425, 22426, 22451	
	8757, 8774, 8783,	16282,	16283,	\afterassignment ..	
	8790, 8812, 8813,	16284,	16313,	2096, 2098, 2381,	
	8814, 8828, 8835,	16314,	16340,	2383, 3709, 4515,	
	8842, 8989, 8990,	16351,	16506,	5899, 19883, 19884	
	8999, 9000, 9016,	16508,	16513,	\aftergroup .... 2593,	
	9018, 9022, 9024,	16516,	16539,	2603, 4718, 4720,	
	9028, 9031, 9032,	16730,	16757,	4730, 4732, 4742,	
	9033, 9212, 9265,	17102,	17151,	4744, 4762, 4764,	
	9536, 9920, 9922,	17192,	17235,	4773, 4775, 4784,	
	10947, 10982,	17309,	17345,	4786, 5883, 5898,	
	10984, 10989,	17494,	17548,	7864, 7866, 7873,	
	10993, 11044,	17613,	17722,	7879, 7898, 8190,	
	11046, 11051,	17724,	18080,	8196, 8199, 11706,	
	11055, 11331,	18131,	18373,	11708, 16396,	



16397, 16400,	\AM@pagestemp . . . . .	\aslice . 16320, 16321,
16405, 16406,	. . 16166, 16171,	16323, 16325,
16410, 16415,	16172, 16175,	16326, 16328,
16416, 16420,	16183, 16184, 16188	16341, 16342, 16344
16424, 16428,	\AM@readlist . . . . . 16188	\At@ViperColsBreak
16432, 18158,	\AM@split@options 16152	. . . . . 8204, 8207
18160, 18163,	\AM@temp . . . 16153, 16154	\AtBeginCaption . . 14108
18833, 18835,	\AM@threadname . . . .	\AtBeginDocument . .
18838, 19510,	. 16151, 16161, 16162	1502, 2087, 2234,
19512, 19515,	\AM@xrprefix . . . . .	2880, 2940, 3037,
20020, 21219,	. 16169, 16173, 16176	4023, 5113, 5262,
21659, 21668,	\and . . . . . 448,	5489, 5623, 5628,
21670, 21707,	484, 762, 788, 791,	5681, 6492, 6692,
21711, 21764,	833, 1014, 1040,	6757, 8586, 8700,
21775, 21776,	1043, 1085, 1264,	8721, 8742, 9172,
21779, 21784,	1290, 1293, 1335,	12022, 12624,
21785, 21789,	1357, 2498, 7265,	13096, 14116,
21794, 21795,	7291, 7442, 7468,	14123, 14206,
21799, 21804,	7557, 7593, 9316,	16617, 19799, 21366
21808, 21813,	9350, 9413, 9449,	\AtBeginPackage . . 15353
22461, 22471, 22472	11416, 11450,	\AtEndDocument . 2306,
\ALG@floatstyle . . .	15248, 16155,	3044, 4049, 4965,
. . . 5684, 5685, 5686	16807, 16833,	6976, 7033, 14731,
\algocf@float . . . . 22613	16836, 16878,	14782, 14800, 22161
\algocf@makecaption 188	16946, 16974,	\AtEndOfClass . . . . 2879
\algocf@within . . . .	16977, 17021,	\AtPageLowerLeft . . 8980
. . . . . 166, 168,	17045, 17224,	\AtPageUpperLeft . .
22615, 22616, 22617	17265, 17411,	. . . 8980, 9004, 9034
\alignL . . . . . 7799	17447, 17791,	\AtTextUpperLeft . .
\alignR . . . . . 7806	18043, 18445,	. . . . . 8984, 9010
\allowbreak . . . . 8713,	18697, 19130, 19382	\author . . . . . 321,
8734, 9980, 9983,	\andify . . . . . 116, 13810	446, 482, 786, 831,
9986, 10086,	\andname . . 796, 1048,	1038, 1083, 1288,
10089, 10092,	1298, 16841, 16982	1333, 2496, 6542,
10192, 10195,	\andnext . . . . . 15249	6574, 7289, 7466,
10198, 10301,	\AppendToTokenList 4382	7555, 7591, 9314,
10304, 10307,	\arabic . . . . . 19,	9348, 9411, 9447,
10410, 10413,	20, 21, 22, 86, 214,	11414, 11448,
10416, 10519,	215, 216, 217, 289,	16831, 16876,
10522, 10525,	329, 11641, 11647,	16972, 17019,
10628, 10631,	13743, 13800,	17222, 17263,
10634, 10737,	13801, 13802,	17409, 17445,
10740, 10743,	13803, 20385, 22613	18032, 18686, 19371
10846, 10849, 10852	\array . . . . . 407, 22089	\auto@footnoterule
\Alph . . . . . 15292	\arraycolsep . . . . . 407	. . . . . 11909, 11920
\AM@CheckAtEnd . . . 16191	\arraylinesep . . . 19816	\autodot . . . . . 18047,
\AM@ClearShipoutPicture	\arrayrulecolor . . . 1467	18700, 19385, 21429
. . . . . 16193	\arrayrulewidth . . 19833	\autofootnoterule . .
\AM@currentdocname	\arraystretch 388, 389,	2189, 8693, 9619,
. . . . . 16156, 16162	2587, 2598, 14461,	11918, 12616, 22565
\AM@findfile . . . . 16160	14462, 19784,	
\AM@output . . . . . 16189	19785, 19820,	<b>B</b>
\AM@pagecount . . . . 16158	21898, 22073, 22074	\backmatter . . . . .
\AM@pageref . 16173, 16176		. . . 6746, 7688, 9521



\Backref@HyperLTRFootnote	17163, 17165,	... 2607, 2622, 2625
..... 12146, 12153	17169, 17171,	\BDefbelowskip ....
\Backref@HyperRTLFootnote	17821, 18475,	... 2611, 2623, 2626
..... 12152, 12156	19160, 19795,	\BDefinlineskip ...
\Backref@HyperSymbol	19834, 21593,	... 2616, 2624, 2627
..... 12154,	21601, 21605,	\beamer@ttmpop@caption@default
12157, 12160, 12163	22085, 22505, 22528	..... 1977
\Backref@OptHyperLTRFootnote	\baselinestretch 2895,	\beamer@ttmpop@footnote@default
..... 12159	6055, 6073, 6091,	..... 1954
\Backref@OptHyperRTLFootnote	9651, 9665, 9679,	\beamer@biblabeltemplate
..... 12162	9693, 9704, 9715,	..... 1896, 1905
\Backref@OptLTRHyperFootnote	9944, 9954, 9964,	\beamer@colalign .. 1605
..... 12146	9990, 10002,	\beamer@colbox@color
\Backref@OptRTLHyperFootnote	10015, 10026,	... 1526, 1569, 1582
..... 12152	10031, 10053,	\beamer@colbox@colsep
\BackrefFootnoteTag	10062, 10071,	..... 1547,
.. 12144, 12145,	10096, 10107,	1548, 1549, 1550, 1558
12150, 12151,	10119, 10129,	\beamer@colbox@colseps
12170, 12174,	10134, 10156,	.... 1552, 1559,
12176, 12182,	10166, 10176,	1583, 1585, 1587, 1589
12186, 12188,	10202, 10214,	\beamer@colbox@dp . 1564
12194, 12198, 12200	10227, 10238,	\beamer@colbox@ht . 1563
\badness .....	10243, 10265,	\beamer@colbox@ls . 1543
8230, 8234, 8262,	10275, 10285,	\beamer@colbox@rs . 1545
8266, 8268, 8273,	10311, 10323,	\beamer@colbox@sep
8277, 8281, 8345, 8366	10336, 10347,	..... 1544,
\baselineskip .. 402,	10352, 10374,	1546, 1554, 1556
724, 726, 730,	10384, 10394,	\beamer@colbox@shadow
732, 1204, 1206,	10420, 10432,	..... 1568
1210, 1212, 3649,	10445, 10456,	\beamer@colbox@wd .
5195, 5197, 5200,	10461, 10483,	... 1541, 1562, 1571
5202, 5204, 5207,	10493, 10503,	\beamer@colclose 1601,
5362, 5992, 6059,	10529, 10541,	1602, 1633, 1634
6077, 6095, 6212,	10554, 10565,	\beamer@colentrycode
6221, 6230, 6311,	10570, 10592,	... 1611, 1614, 1632
6318, 6325, 6332,	10602, 10612,	\beamer@colexitcode
6339, 6439, 6496,	10638, 10650,	... 1612, 1624, 1634
6839, 6900, 6964,	10663, 10674,	\beamer@colheadskip 1606
6970, 7218, 7220,	10679, 10701,	\beamer@colmode ... 1600
7224, 7226, 7371,	10711, 10721,	\beamer@columncom . 1600
7373, 7377, 7379,	10747, 10759,	\beamer@compute pref
8014, 8015, 8032,	10772, 10783,	..... 1832, 1854
8036, 8443, 11716,	10788, 10810,	\beamer@cramped ...
12247, 13935,	10820, 10830,	... 1845, 1871, 1886
13943, 14477,	10856, 10868,	\beamer@defaultspec
14487, 14607,	10881, 10892,	..... 1851
14624, 16275,	10897, 10979,	\beamer@descdefault
16278, 16292,	11041, 11076,	..... 1877, 1885
16316, 16320,	11088, 11100,	\beamer@descriptionitem
16325, 16329,	11131, 11150,	..... 1885
16341, 16352,	11164, 11182,	\beamer@enum@ .... 1831
16379, 16612,	11192, 11201, 11210	\beamer@enumtempl . 1840
16740, 16742,	\BCmd .....	\beamer@firstlineitemizeunskip
16746, 16748,	2592	... 1847, 1873, 1888
	\BDefaboveskip ....	





<code>\beamer@footarg ...</code>	1836, 1843, 1844,	12870, 12973,
.... 1757, 1758,	1854, 1855, 1857,	12975, 12989,
1759, 1763, 1770,	1858, 1861, 1865, 1866	12991, 13835,
1783, 1784, 1785,		15398, 16094,
1789, 1796, 1809,	<code>\begin ...</code> 412, 422, 427,	16781, 16794,
1810, 1811, 1815, 1822	490, 498, 736, 749,	16805, 16884,
<code>\beamer@footins ...</code>	760, 839, 845, 988,	16890, 16918,
.... 1648, 1653,	1001, 1012, 1091,	16933, 16944,
1665, 1670, 1682, 1687	1097, 1238, 1251,	17028, 17036,
<code>\beamer@footnotetext</code>	1262, 1342, 1348,	17045, 17047,
..... 1752,	1357, 1359, 1360,	17048, 17178,
1766, 1773, 1799, 1825	1567, 1603, 1605,	17198, 17203,
<code>\beamer@framefootnotetext</code>	1609, 2586, 2588,	17279, 17375,
..... 1647, 1743	2597, 2599, 2602,	17385, 17390,
<code>\beamer@frameLTRfootnotetext</code>	2995, 2999, 3001,	17453, 17461,
..... 1681, 1745	3003, 3005, 3009,	17794, 17798,
<code>\beamer@frameRTLfootnotetext</code>	3017, 3020, 3055,	17858, 17863,
..... 1664, 1744	3168, 3172, 3192,	17875, 17898,
<code>\beamer@kvorig ....</code>	3196, 3223, 4086,	17902, 18071,
.... 1755, 1761,	4087, 4094, 4120,	18448, 18452,
1781, 1787, 1807, 1813	4822, 5268, 5269,	18512, 18517,
<code>\beamer@leftmargin</code>	5282, 5285, 5359,	18529, 18552,
... 1592, 1617, 1620	5360, 5366, 5367,	18556, 18746,
<code>\beamer@LTRfootnotetext</code>	5374, 5375, 5400,	19133, 19137,
..... 1804, 1818	5401, 5438, 5441,	19197, 19202,
<code>\beamer@mpfn .....</code>	5444, 5447, 5451,	19214, 19237,
.... 1753, 1764,	5452, 5636, 5637,	19241, 19423,
1770, 1779, 1790,	6255, 6311, 6318,	20065, 21480,
1796, 1805, 1816, 1822	6325, 6332, 6339,	21487, 21490,
<code>\beamer@next .....</code>	6352, 6360, 6482,	21501, 21514,
.... 1764, 1768,	6487, 6620, 6667,	21517, 21524,
1775, 1790, 1794,	6690, 7065, 7239,	21530, 21553,
1801, 1816, 1820, 1827	7252, 7263, 7416,	21557, 21563, 21570
<code>\beamer@rightmargin</code>	7429, 7440, 7484,	
... 1592, 1621, 1626	7496, 7521, 7531,	<code>\begin@bidi@stack .</code>
<code>\beamer@RTLfootnotetext</code>	7536, 7599, 7607,	.... 3162, 3172,
..... 1778, 1792	7917, 7927, 7940,	3173, 3186, 3196, 3197
<code>\beamer@tempbox ...</code>	7950, 7963, 7973,	
1527, 1562, 1563,	7986, 7996, 8561,	<code>\begin@group 6, 119, 201,</code>
1564, 1572, 1575,	8667, 8672, 8690,	302, 315, 379, 391,
1576, 1578, 1581,	8859, 8862, 8866,	452, 512, 529, 663,
1586, 1591, 1592, 1594	8868, 8873, 8875,	689, 803, 891, 907,
<code>\beamer@tempdim 1619,</code>	8879, 8882, 8885,	1055, 1146, 1173,
1620, 1621, 1622	8889, 8891, 8895,	1305, 1486, 1769,
<code>\beamer@thempfn ...</code>	8897, 8901, 8904,	1795, 1821, 2478,
.... 1754, 1765,	8907, 8911, 8913,	2721, 2729, 2737,
1771, 1780, 1791,	8918, 8920, 9091,	3116, 3144, 3163,
1797, 1806, 1817, 1823	9157, 9284, 9292,	3187, 3406, 3425,
<code>\beamer@vmode . 1518, 1555</code>	9297, 9356, 9362,	3775, 3821, 3828,
<code>\beamer@xkorig ...</code>	9377, 9387, 9392,	3858, 3874, 3890,
.... 1756, 1762,	9455, 9463, 9555,	3930, 3938, 3971,
1782, 1788, 1808, 1814	11384, 11392,	4021, 4149, 4357,
<code>\beameritemnestingprefix</code>	11397, 11456,	4359, 4389, 4399,
1832, 1833, 1835,	11462, 11608,	4409, 4539, 4612,
	12847, 12852,	4636, 4651, 4717,
		4728, 4740, 4761,





4771, 4782, 4932,	21672, 21715,	16484, 16485,
5046, 5058, 5093,	21764, 21876,	16486, 17654,
5462, 5881, 6127,	22207, 22250, 22461	17664, 17675,
6156, 6185, 6559,	<code>\beginL . . . 176, 1471,</code>	17682, 18174,
6576, 6592, 6604,	2131, 2408, 3042,	18849, 19526,
6637, 6941, 7001,	5743, 5787, 7829,	19774, 19796,
7008, 7015, 7045,	7858, 7864, 7866,	19835, 19957,
7156, 7180, 7333,	7898, 9953, 10005,	21664, 21668,
7357, 7561, 7621,	10061, 10110,	21707, 21711,
7636, 7725, 7844,	10165, 10217,	21764, 21769,
7898, 7907, 8097,	10274, 10326,	21776, 21781,
8156, 8985, 9011,	10383, 10435,	22032, 22035,
9208, 9221, 9320,	10492, 10544,	22038, 22055,
9417, 9476, 10978,	10601, 10653,	22062, 22087,
11040, 11311,	10710, 10762,	22401, 22435,
11327, 11420,	10819, 10871,	22452, 22454,
11560, 11598,	11501, 11612,	22515, 22531,
11682, 11698,	11627, 11794,	22550, 22553, 22561
11949, 11958,	12626, 12632,	<code>\belowcaptionskip .</code>
12117, 12132,	12641, 12661,	. . . . . 14079,
12206, 12258,	12677, 12687,	15351, 15368,
12291, 12433,	13480, 14069,	18187, 18195,
12486, 12660,	16198, 16390,	18204, 18217,
12676, 12846,	16396, 16412,	18862, 18870,
13125, 13136,	16488, 17660,	18878, 18891,
13147, 13158,	17671, 17678,	19539, 19547,
13256, 13276,	17688, 19950,	19555, 19568, 22555
13314, 13347,	21663, 21668,	<code>\belowdisplayshortskip</code>
13378, 13409,	21670, 21764,	. . . 5170, 5179, 6389
13643, 13658,	21769, 21775,	<code>\belowdisplayskip .</code>
13787, 13813,	21791, 22357,	. . . . . 5171,
13882, 13912,	22435, 22515, 22531	5184, 5219, 6394
14100, 14465,	<code>\beginR . . . . . 174,</code>	<code>\bf . . . . 2414, 16261, 16263</code>
15255, 15385,	336, 348, 379, 404,	<code>\bfseries . . . 25, 303,</code>
15486, 15583,	1472, 2691, 5743,	516, 532, 561, 564,
15793, 15797,	5831, 7756, 7830,	668, 692, 894, 912,
15801, 16149,	7859, 7864, 7873,	1151, 1176, 2139,
16197, 16488,	7879, 7898, 8978,	2542, 3012, 6619,
16702, 16726,	9913, 9917, 11637,	7161, 7183, 7338,
16848, 16989,	12628, 12633,	7360, 7485, 7497,
17074, 17098,	12690, 12729,	7625, 7639, 7671,
17228, 17290,	12736, 13105,	7677, 7685, 9211,
17305, 17415,	13113, 13495,	9226, 9241, 9244,
17475, 17490,	13531, 13563,	9253, 9480, 9503,
17811, 17957,	13592, 13618,	9509, 9518, 11316,
18070, 18129,	13624, 13631,	11330, 11341,
18465, 18611,	13828, 14069,	11346, 11354,
18745, 18804,	14481, 14542,	13782, 16707,
19150, 19296,	14545, 14581,	16729, 17079,
19422, 19481,	14672, 14680,	17101, 17275,
19882, 19999,	14871, 15197,	17294, 17308,
20023, 20162,	15361, 15363,	17479, 17493,
20589, 20701,	16265, 16390,	17524, 17529,
21215, 21332,	16397, 16402,	17537, 20593,



20706, 21138,	5931, 5948, 5950,	\bidi@@onefilewithoptions
21142, 21147,	5967, 5969, 5999, 6001	... 4653, 4656, 4659
21176, 21180, 21185	\bibfont ..... 15980	\bidi@@patchcmd 3823, 3825
\bgroup ..... 171,	\bibindent ... 3046, 3047	\bidi@@RTLfootnotetext@font
172, 379, 394, 399,	\bibitem@fin ..... 15995	..... 52, 255,
404, 637, 1196,	\bibliofont 85, 288, 13742	1672, 1718, 6093,
1472, 1527, 1540,	\bibliographyitemlabel	11971, 11993, 12039
1611, 1615, 1622,	..... 3048, 3055	\bidi@@thebibliography@font@hook
1834, 1856, 1879,	\bibname .. 6475, 6476,	88, 291, 573, 708,
2100, 2385, 2681,	7199, 7200, 7387,	971, 1221, 1894,
2803, 6873, 7091,	7388, 7696, 7697,	3054, 7202, 7390,
7105, 7758, 7830,	9529, 9530, 11366,	7699, 9261, 9532,
11612, 11613,	11367, 16750,	11369, 13745,
11627, 12083,	16751, 17144,	15397, 15982,
12311, 14469,	17145, 17338,	16753, 17147,
14471, 14508,	17339, 17541, 17542	17341, 17544,
14542, 14545,	\bibpostamble .... 15996	18074, 18749,
14591, 15598,	\bibpreamble .....	19426, 20068, 21907
16209, 16398,	.. 15979, 18061,	\bidi@addto@envbody
16404, 16408,	18062, 18735,	... 3158, 3176, 3178
16414, 16418,	18736, 19412, 19413	\bidi@addto@long@envbody
16423, 16426,	\bibsection 6470, 6473,	... 3182, 3200, 3202
16431, 16676,	6475, 6476, 15395,	\bidi@AfterAtEndOfClass
17126, 19774,	15977, 20062, 20064	..... 4720, 4725
19782, 19790,	\bidi@@convert@dimen@t@pt	\bidi@AfterAtEndOfPackage
19796, 19827,	..... 3344	..... 4764, 4768
19831, 19835,	\bidi@@convert@dimen@t@unit	\bidi@AfterClass .. 4708
21324, 21777,	..... 3341	\bidi@AfterEndDocument
21783, 21787,	\bidi@@diagbox@double@ii	..... 4066,
21793, 21797,	..... 8860, 8864	4069, 4073, 4079
21803, 21806,	\bidi@@diagbox@double@iii	\bidi@AfterEndDocumentCheckLabelsRerun
21812, 21876,	..... 8863, 8871	... 3095, 4038, 4043
21882, 22062,	\bidi@@diagbox@triple@setbox@SE@tabular@i	\bidi@AfterEndDocumentchecklabelssrerunhook
22071, 22079, 22087	... 8880, 8883, 8887	... 4038, 4039, 4044
\BHFN@OldLTFootnote	\bidi@@diagbox@triple@setbox@SE@tabular@i	\bidi@AfterEndDocumenthook
. 12139, 12154, 12160	..... 8886, 8893	..... 4066,
\BHFN@OldRTLFootnote	\bidi@@diagbox@triple@setbox@SE@tabular@i	... 4074, 4080
. 12140, 12157, 12163	..... 8902, 8909	\bidi@AfterEndEnvironment
\bib@after@hook 18115,	\bidi@@diagbox@triple@setbox@SE@tabular@i	... 4011, 4133
18117, 18790,	... 8905, 8908, 8916	\bidi@AfterEndPreamble
18792, 19467, 19469	\bidi@@end ... 4077, 4081	..... 4026,
\bib@before@hook ..	\bidi@@footnotetext@font	4029, 4032, 4034,
..... 18065,	..... 38, 241,	4049, 5117, 6633, 6656
18116, 18740,	1655, 1703, 6057,	\bidi@afterendpreamblehook
18791, 19417, 19468	11969, 11976, 12067	..... 4026,
\bib@beginhook 18058,	\bidi@@loadwithoptions	4027, 4033, 4035
18064, 18733,	..... 4631,	\bidi@AfterFile ...
18739, 19410, 19416	4638, 4641, 4645	... 4705, 12165,
\bib@endhook .....	\bidi@@LTFootnotetext@font	18199, 18873, 19550
. 18119, 18794, 19471	..... 68, 270,	\bidi@AfterFooter .
\bib@heading .....	1689, 1733, 6075,	..... 4005, 22533
. 18060, 18738, 19415	11970, 12009, 12053	\bidi@afterfooterhook
\bibcleanup .....	\bidi@@null ... 4249, 4250	.. 4005, 4006, 22534
\bibentry ..... 5929,		



\bidi@AfterLastShipout	\bidi@backslash 4166, 4167	\bidi@column@check@number
... 4051, 4057, 4063	\bidi@beamer@blacktriangle	.. 22124, 22140,
\bidi@afterlastshipouthook	..... 1936,	22142, 22144, 22156
..... 4051,	1950, 1951, 1952	\bidi@column@status
4052, 4058, 4064	\bidi@beamer@leftskip	.. 2222, 2226, 22126
\bidi@AfterOutputBoxOutputPage	... 1917, 1930, 1933	\bidi@column@type
. 3999, 11728, 22524	\bidi@beamer@ragged	. 22141, 22146, 22157
\bidi@afteroutputboxoutputpagehook	..... 1509,	\bidi@copy@stacktop 4428
..... 3999,	1606, 1846, 1872,	\bidi@copyins@amount
4000, 11729, 22525	1887, 1906, 1959,	.. 12505, 12506,
\bidi@AfterOutputPageShipOut	1981, 2085, 21817,	12507, 12510,
. 4009, 11731, 22537	21827, 21837, 21838	12515, 12516, 12528
\bidi@afteroutputpageshipouthook	\bidi@BeforeBeginEnvironment	\bidi@counter@page
..... 4009,	..... 4113, 4121	..... 3109, 3138
4010, 11732, 22538	\bidi@BeforeClass . 4706	\bidi@cs@a ... 4251, 4252
\bidi@AfterPackage 4753	\bidi@BeforeClosingMainAux	\bidi@cs@e 4422, 4423,
\bidi@AfterPreamble	.... 4998, 5009,	4425, 4426, 4429, 4431
.. 4023, 4024, 14013	5013, 5016, 5024, 5027	\bidi@cs@lista ....
\bidi@AfterReadingMainAux	\bidi@BeforeFile .. 4704	.... 4395, 4396,
..... 5035, 5038	\bidi@BeforeFooter	4397, 4398, 4407, 4408
\bidi@append .. 3932, 3982	\bidi@BeforeFootnote	\bidi@cs@listb 4392, 4394
\bidi@append@cslist@to@cslist	..... 4002, 22526	\bidi@cs@liste 4390, 4395
..... 4370, 4443	\bidi@beforefootnotehook	\bidi@cs@appto .... 3755
\bidi@append@list@to@list	.. 4002, 4003, 22527	\bidi@cs@sarg .... 4178,
..... 4366, 4452	\bidi@BeforeHeader	4194, 4268, 4275,
\bidi@append@to@list	. 3993, 11721, 22509	4293, 4298, 4303,
..... 4345, 4364	\bidi@beforeheaderhook	4308, 4314, 4319,
\bidi@append@toks@cs@to@list	..... 3993,	4361, 4362, 4380,
..... 4374	3994, 11722, 22510	4386, 4397, 4407,
\bidi@appto .... 3711,	\bidi@BeforeOutputBoxOutputPage	4416, 4426, 4430, 4434
3755, 4031, 5075	. 3996, 11725, 22521	\bidi@cs@defcs .... 3412
\bidi@apptocmd ....	\bidi@beforeoutputboxoutputpagehook	\bidi@cs@appto 3756, 3759
.. 3928, 3929, 19978	..... 3996,	\bidi@cs@preto 3765, 3768
\bidi@are@these@correct	3997, 11726, 22522	\bidi@cs@gappto . 3757,
..... 4342, 4345	\bidi@BeforeOutputPageShipOut	4084, 4100, 4114, 4124
\bidi@AtBeginEnvironment	. 3990, 11703, 22467	\bidi@cs@gpreto .... 3766
..... 4083, 4095	\bidi@beforeoutputpageshipouthook	\bidi@cs@let .... 3418
\bidi@AtEndEnvironment	..... 3990,	\bidi@cs@letcs .... 3415
..... 4099, 4109	3991, 11704, 22468	\bidi@cs@name ... 4190,
\bidi@AtEndOutputPage	\bidi@BeforePackage 4751	4341, 4347, 4392, 4426
..... 3139,	\bidi@bswitch . 4308, 4310	\bidi@cs@preto .... 3764
4012, 11737, 22543	\bidi@CharsBefore .	\bidi@cs@protect ... 4495
\bidi@atendoutputpagehook	4223, 4225, 4226,	\bidi@cs@use .... 3698,
..... 4012,	4231, 4235, 4236, 4241	4090, 4104, 4117, 4128
4013, 11738, 22544	\bidi@CharsBeforeNC 4224	\bidi@cs@switch . 4303, 4305
\bidi@AtEndPreamble	\bidi@clearpage 4060, 4062	\bidi@cs@xappto 3758, 3760
.... 2283, 3985,	\bidi@collect@@body	\bidi@cs@xpreto 3767, 3769
3988, 4017, 4019,	..... 3164, 3171	\bidi@current@column@status
4024, 5115, 5913,	\bidi@collect@body 3159	. 22126, 22129, 22162
14082, 15756, 15815	\bidi@collect@long@@body	\bidi@dbg@fail ....
\bidi@autofooterulefalse	..... 3188, 3195	3783, 3793, 3794,
. 11897, 11901, 11904	\bidi@collect@long@body	3795, 3796, 3802,
\bidi@autofooteruletrue	..... 3183	3811, 3817, 3924,
..... 11919		3946, 3958, 3959, 3968



\bidi@dbg@info . 3784,	10029,	10034,	10919,	10929,
3786, 3789, 3791,	10052,	10061,	10937,	10950,
3792, 3803, 3805,	10070,	10079,	11068,	11086,
3807, 3809, 3810,	10084,	10087,	11098,	11110,
3812, 3814, 3816,	10090,	10093,	11114,	11118,
3922, 3947, 3949,	10104,	10116,	11122,	11147,
3951, 3954, 3960, 3962	10127,	10132,	11161,	11175,
\bidi@dbg@init . 3781,	10137,	10155,	11185,	11195,
3800, 3921, 3944	10165,	10175,	11204,	11213,
\bidi@dbg@succ . 3827,	10185,	10190,	11225,	11231,
3923, 3955, 3963, 3965	10193,	10196,	11235, 11246, 11247	
\bidi@dbg@trce . 3774,	10199,	10211,	\bidi@ensure@newlength	
3820, 3920, 3929, 3937	10224,	10236,	... 3430, 9753, 9836	
\bidi@default . . . . .	10241,	10246,	\bidi@epreto . . . . .	
... 4293, 4298,	10264,	10274,	... 3737, 3750, 3765	
4303, 4308, 4314, 4319	10284,	10294,	\bidi@eqs@a ... 4204, 4205	
\bidi@del@tok@from@list	10299,	10302,	\bidi@eqs@b ... 4204, 4205	
... 4389	10305,	10308,	\bidi@EqualString . 4204	
\bidi@digits ... 2272,	10320,	10333,	\bidi@EqualStringX 4209	
2278, 2279, 2280	10345,	10350,	\bidi@error ... 3432,	
\bidi@digits@charclass	10355,	10373,	3683, 4278, 4385, 4554	
... 2274,	10383,	10393,	\bidi@everyjob . 2026,	
2278, 2279, 2280, 2281	10403,	10408,	2027, 2353, 2354	
\bidi@dummies . . . . .	10411,	10414,	\bidi@excludedpackages	
... 4273, 4275, 4276	10417,	10429,	4792, 4793, 4813,	
\bidi@eappto . . . . .	10442,	10454,	4849, 4866, 4874,	
... 3715, 3728, 3756	10459,	10464,	4884, 4906, 4907,	
\bidi@empty . . . . 2288,	10482,	10492,	4915, 4916, 4921, 4934	
2289, 4248, 4251, 4252	10502,	10512,	\bidi@expandonce . .	
\bidi@empty@stack .	10517,	10520,	3703, 3714, 3718,	
... 4433, 4439	10523,	10526,	3722, 3726, 3736,	
\bidi@empty@toks . .	10538,	10551,	3740, 3744, 3748, 3966	
... 4446, 4449, 4453	10563,	10568,	\bidi@ff@box 11745, 11763	
\bidi@endpreamblehook	10573,	10591,	\bidi@firstcolumn@status@write	
... 3985,	10601,	10611,	... 2220,	
3986, 4018, 4020	10621,	10626,	2228, 8078, 8137,	
\bidi@ensure@new@command	10629,	10632,	11551, 11587,	
... 3423, 3424	10635,	10647,	12422, 12475,	
\bidi@ensure@newcommand	10660,	10672,	15474, 15570,	
... 3423, 9729,	10677,	10682,	22133, 22196, 22239	
9741, 9742, 9743,	10700,	10710,	\bidi@font@@@outputpage	
9749, 9750, 9754,	10720,	10730,	. 11711, 22458, 22500	
9755, 9756, 9757,	10735,	10738,	\bidi@footdir@footnote	
9769, 9781, 9803,	10741,	10744,	.. 79, 282, 1747,	
9804, 9832, 9833,	10756,	10769,	12024, 12026, 12030	
9834, 9835, 9838,	10781,	10786,	\bidi@fswitch . 4319, 4321	
9844, 9846, 9871,	10791,	10809,	\bidi@gappto . . . . .	
9872, 9890, 9905,	10819,	10829,	3133, 3719, 3757,	
9908, 9911, 9916,	10839,	10844,	3985, 3990, 3993,	
9919, 9921, 9925,	10847,	10850,	3996, 3999, 4002,	
9943, 9953, 9963,	10853,	10865,	4005, 4009, 4012,	
9973, 9978, 9981,	10878,	10890,	4026, 4038, 4051, 4066	
9984, 9987, 9999,	10895,	10900,	\bidi@gobbleopt 4955, 4964	
10012, 10024,	10908,	10915,	\bidi@gpreto . . 3741, 3766	



\bidi@hook@acma 4979, 5023, 5036, 5037, 5042	14141, 14143, 14145, 14147, 14149, 14151, 14153, 14155, 14157, 14159, 14161, 14163, 14165, 14167, 14169, 14171, 14173, 14175, 14177, 14179, 14181, 14183, 14185, 14187, 14189, 14191, 14193, 14195, 14197, 14199, 14201, 14203, 14205, 14211, 14217, 14223, 14229, 14236, 14242, 14248, 14251, 14254, 14260, 14266, 14272, 14278, 14284, 14290, 14296, 14302, 14308, 14314, 14320, 14326, 14332,	14142, 14144, 14146, 14148, 14150, 14152, 14154, 14156, 14158, 14160, 14162, 14164, 14166, 14168, 14170, 14172, 14174, 14176, 14178, 14180, 14182, 14184, 14186, 14188, 14190, 14192, 14194, 14196, 14198, 14200, 14202, 14204, 14208, 14214, 14220, 14226, 14233, 14239, 14245, 14251, 14257, 14263, 14269, 14275, 14281, 14287, 14293, 14299, 14305, 14311, 14317, 14323, 14329, 14335,	14338, 14341, 14344, 14350, 14356, 14362, 14368, 14374, 14380, 14386, 14392, 14398, 14404, 14410, 14416, 14419, 14422 \bidi@lastcolumn@status@write .... 2224, 2229, 8082, 8143, 11555, 11593, 12428, 12479, 15478, 15576, 22200, 22245 \bidi@leave@mult@copyins .... 15811, 15903 \bidi@leave@mult@footins@v1 .... 15821, 15899 \bidi@leave@mult@footins@vr .... 15817, 15895 \bidi@left@footnoterule . 14560, 14566, 14571 \bidi@leftskip .... .. 20594, 20596, 20598, 20599, 20709, 20766, 20768, 20804, 20805, 20837, 21815 \bidi@length@of@csstack ... 4434, 4435, 4438 \bidi@length@of@stack ..... 4434, 4448 \bidi@load@hook 4624, 4627, 4660, 4697 \bidi@loadwithoptions ... 4632, 4633, 4638 \bidi@local@in@front@of@list ..... 4402, 4419 \bidi@local@push@onto ..... 4418 \bidi@looprepeat@comp ... 4512, 4548, 4553 \bidi@looprepeat@csarg ..... 4490, 4542 \bidi@looprepeat@csargromannumeral ..... 4492, 4507, 4508, 4509, 4510, 4511, 4514,
\bidi@hook@bcma 4973, 5022, 5025, 5026, 5032			
\bidi@hooktocmd ... ... 3932, 3940, 3942			
\bidi@hooktocmd@i . ..... 3956, 3970			
\bidi@hop@ES .. 4212, 4214			
\bidi@ifblank@i ... ... 3384, 3385, 3387			
\bidi@ifdefmacro 3390, 3392, 3393, 3394			
\bidi@ifdefparam 3902, 3904, 3905, 3906			
\bidi@ifdefprotected ..... 3911, 3913, 3914, 3915			
\bidi@ifEmpty ..... 4251			
\bidi@ifempty ..... 4249			
\bidi@ifEmptyX ..... 4250			
\bidi@ifhashcheck . ... 3788, 3873, 3953			
\bidi@ifhashcheck@i ..... 3877, 3879			
\bidi@ifhashcheck@ii ..... 3881, 3884, 3885, 3886			
\bidi@ifNextChar .. 4259			
\bidi@ifpatchable . ... 3777, 3779, 3826			
\bidi@ifpatchable@i ..... 3777, 3798			
\bidi@ifpattern 3790, 3889			
\bidi@ifscanable 3787, 3808, 3857, 3952			
\bidi@in@front@of@cslist ..... 4398, 4399			
\bidi@in@front@of@list ..... 4397			
\bidi@info ..... 3434			
\bidi@init@mult@footins@v1 ..... 15829, 15843			
\bidi@init@mult@footins@vr ..... 15825, 15841			
\bidi@invert@csstack ..... 4438			
\bidi@IsEmptyList . 4252			
\bidi@isloaded .... ... 3849, 14132, 14133, 14134, 14135, 14136, 14137, 14138, 14139, 14140,			



4519, 4520, 4521, 4522, 4523, 4525, 4531, 4544, 4546, 4547, 4548, 4555, 4556, 4558, 4563, 4571	11216, 11252, 11265, 11302, 11303	\bidi@next . . . . . 4225, 4226, 4228, 4230, 4231, 4233, 4238, 4240, 4241, 4243
\bidi@looprepeat@csromannumeral	1700, 1715, 1730, 11801, 12035, 12049, 12063, 12101, 14646, 19976	\bidi@NextChar . . . . 4256 \bidi@normal@footmarkwidth
. . . . 4491, 4515, 4523, 4526, 4542, 4570	11801, 12035, 12049, 12063, 12101, 14646, 19976	. . . . 9738, 9796, 9802, 9941, 10050, 10153, 10262, 10371, 10480, 10589, 10698, 10807, 11002, 11064
\bidi@looprepeat@depth	\bidi@mswitch . 4314, 4316	\bidi@notblank . 3386, 3394, 3906, 3915
. . . . . 4491, 4492, 4494, 4506, 4532	\bidi@multicol@align@columns	\bidi@nxt@a . . . . . ... 4257, 4260, 4262
\bidi@looprepeat@dxbody	. . . . . 15698, 15749, 15752, 15754	\bidi@nxt@b . . . . . ... 4257, 4260, 4263
. . . . . 4515, 4519	\bidi@n@everypar . . . . 16392, 16393, 16394, 16395, 21586, 21771, 21772, 21773, 21774	\bidi@nxt@c . . . . . ... 4258, 4261, 4262
\bidi@looprepeat@setup	\bidi@namedef . . . . . 4135	\bidi@nxt@ch . . . . . ... 4257, 4260, 4262
. . . . . 4512, 4538	\bidi@nameedef . . . . 4137	\bidi@o@everypar . . . . . . . 16391, 16393, 16394, 21770, 21772, 21773
\bidi@looprepeat@sign	\bidi@namegdef . . . . ... 3138, 3436, 4136	\bidi@oldwbuskip . . . . . . . 4384, 4387
. . . 4512, 4523, 4553	\bidi@namelongdef . 3421	\bidi@onefilewithoptions ... 4648, 4649, 4653
\bidi@looprepeat@tmp	\bidi@namexdef . . . . 4138	\bidi@orig@leftline . 22040, 22042, 22043
4513, 4514, 4541, 4543, 4546, 4551, 4558, 4561, 4563, 4566	\bidi@new@command . . . . . . 3655, 3657, 3686, 3694	\bidi@orig@raggedleft . 22025, 22027, 22028
\bidi@looprepeat@traceexit	\bidi@new@ifnch 3209, 3211	\bidi@orig@raggedright . 22026, 22027, 22028
. . . . . 4497, 4532	\bidi@new@ifnextchar . . . . . 3206, 21897	\bidi@orig@rightline . 22041, 22042, 22043
\bidi@looprepeat@traceinit	\bidi@newcommand . . . . . . . 3657, 3659	\bidi@oswitch . . . . 4298
. . . . . 4497, 4505	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	\bidi@p@eftn 2635, 2698, 2700, 2701, 2703, 2704, 2706, 2707, 2711, 2714, 2717, 2822
\bidi@looprepeat@zero	\bidi@new@ifnch 3209, 3211	\bidi@p@eftntext . . . ... 2682, 2699, 2804
. . . 4512, 4531, 4569	\bidi@new@ifnextchar . . . . . 3206, 21897	\bidi@p@LTRftntext . . . 2683, 2702, 2805
\bidi@lst@caption@direction	\bidi@newcommand . . . . . . . 3657, 3659	\bidi@p@RTLftntext ... 2684, 2705, 2806
. . . . . 14031, 14032, 14044, 14047	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	\bidi@p@xfootnote . ... 2686, 2720, 2808
\bidi@lst@caption@script	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	\bidi@p@xftntext 2685, 2710, 2725, 2807
. . . . . 14038, 14039, 14055, 14058	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@lst@ensure@caption@direction	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. . . . . 14042, 14067, 14069, 14071, 14090, 14094, 14101, 14110	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@lst@ensure@caption@script	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. 14053, 14065, 14109	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@make@mppara@LTRfootgroup	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. 10975, 11037, 11204	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@make@para@footstart@@	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. 10966, 11024, 11225	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@make@para@LTRfootgroup	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. 10964, 11022, 11185	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@make@colbf . . .	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. . . . . 11287, 11301	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@matrix@check	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. . . . . 3215, 21892	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@matrix@error	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. . . . . 3217, 3221	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
\bidi@mopfn@bottom	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	
. . . . . 9892,	\bidi@newrobustcmd . . . . . 2095, 2097, 3654, 3655, 3679, 3690, 3711, 3715, 3719, 3723, 3728, 3729, 3733, 3737, 3741, 3745, 3750, 3751, 3755, 3756, 3757, 3758, 3759, 3760, 3764, 3765, 3766, 3767, 3768, 3769, 3773, 3819, 3918, 3928, 3936, 3985, 3988, 3990, 3993, 3996, 3999, 4002, 4005, 4009, 4012, 4023, 4026, 4029, 4038, 4051, 4066, 4069, 4083, 4099, 4113, 4123, 21865, 21867	





\bidi@p@xLTRfootnote	13697, 13705,	\bidi@PreventPackageFromLoading
... 2688, 2728, 2810	13714, 13722,	..... 4795,
\bidi@p@xLTRftntext	13731, 13989,	4809, 4839, 4872
..... 2687,	13995, 14003,	\bidi@process@envbody
2713, 2733, 2809	14083, 14096,	..... 3161,
\bidi@p@xRTLfootnote	14552, 15837,	3165, 3166, 3180,
... 2690, 2736, 2812	15846, 15867,	3185, 3189, 3190, 3204
\bidi@p@xRTLftntext	15874, 15881,	\bidi@protected ...
..... 2689,	15889, 16140,	.... 3706, 3728,
2716, 2741, 2811	19965, 19973, 22263	3729, 3750, 3751,
\bidi@page@count 3076,	\bidi@patchcmd@scantoks	3759, 3760, 3768, 3769
3077, 3111, 3140	... 3837, 3843, 3978	\bidi@protected@cseappto
\bidi@paraskip 10986,	\bidi@pdfencrypt@keylength	..... 3759
10989, 10993,	..... 2148, 2301	\bidi@protected@csepreto
11048, 11051, 11055	\bidi@pdfencrypt@ownerpassword	..... 3768
\bidi@patch@@AfterPackage	... 2145, 2288, 2300	\bidi@protected@csxappto
..... 5087, 5092	\bidi@pdfencrypt@permissionflags	..... 3760
\bidi@patch@Add 5074, 5103	..... 2151, 2302	\bidi@protected@csxpreto
\bidi@patch@AfterPackage	\bidi@pdfencrypt@userpassword	..... 3769
.... 5077, 6025,	... 2142, 2289, 2299	\bidi@protected@eappto
6027, 6030, 6051,	\bidi@pdfm@mark 2426, 2441	..... 3728
6202, 6252, 6308, 6552	\bidi@pickescape .. 4199	\bidi@protected@epreto
\bidi@patch@counter	\bidi@pop@cs@into .	..... 3750
.... 5055, 5059,	..... 4422, 4441	\bidi@protected@immediate@write
5062, 5068, 5069, 5088	\bidi@pop@into 4425, 4451	... 5028, 5039, 5045
\bidi@patch@gttemp .	\bidi@pos . 3436, 3444,	\bidi@protected@xappto
..... 5095, 5102	3472, 3498, 3526,	..... 3729
\bidi@patch@list 5073,	3552, 3555, 3589, 3592	\bidi@protected@xpreto
5075, 5113, 5115, 5122	\bidi@poscount . 3438,	..... 3751
\bidi@patch@OrgIfClassLater	3441, 3444, 3461,	\bidi@provide@command
..... 5121, 5126	3463, 3472, 3486,	..... 3690, 3692
\bidi@patch@OrgIfClassLoaded	3488, 3495, 3498,	\bidi@providerobustcmd
..... 5120, 5125	3515, 3517, 3526,	..... 3690
\bidi@patch@OrgIfPackageLater	3540, 3542, 3549,	\bidi@push@begins .
..... 5119, 5124	3552, 3555, 3572,	... 3168, 3169, 3172
\bidi@patch@OrgIfPackageLoaded	3574, 3578, 3580,	\bidi@push@cs@onto@cs
..... 5118, 5123	3589, 3592, 3606,	..... 4415, 4442
\bidi@patch@stepcounter	3608, 3612, 3614,	\bidi@push@long@begins
... 5057, 5067, 5086	3621, 3623, 3624,	... 3192, 3193, 3196
\bidi@patch@temp ..	3626, 3627, 3630,	\bidi@push@onto ... 4416
..... 5085, 5089	3631, 3638, 3640, 3641	\bidi@push@onto@cs
\bidi@patch@try 5104, 5107	\bidi@prepend . 3940, 3983	..... 4416, 4417
\bidi@patchcmd ....	\bidi@prepend@cslist@to@cslist	..... 2989,
.. 171, 179, 188,	..... 4372	2996, 3001, 3020,
338, 3819, 3820,	\bidi@prepend@list@to@list	8557, 8673, 11519,
4041, 4054, 4071,	..... 4368	11525, 12889, 22030
4088, 4102, 4126,	\bidi@prepend@to@list	\bidi@raggedright .
5346, 8858, 8861,	..... 4365	.. 11517, 11523,
8878, 8881, 8884,	\bidi@prepend@toks@cs@to@list	15911, 15914,
8900, 8903, 8906,	..... 4375	15916, 15919,
8924, 8932, 8940,	\bidi@preto .....	15921, 15923,
8949, 8958, 8967,	... 3733, 3764, 4015	15926, 15928,
12773, 13673,	\bidi@pretocmd . 3936,	15930, 15932,
13681, 13689,	3937, 4116, 4158	15935, 15937,



15939, 15941, 15943, 15946, 15948, 15951, 15953, 15956, 15958, 15960, 15963, 15965, 15967, 15970, 15972, 15974, 22029	\bidi@restorecatcode ..... 4183 \bidi@right@footnoterule . 14561, 14564, 14573 \bidi@rightskip 20590, 20702, 20770, 20771, 20783, 20787, 20791, 21816	\bidi@star@footmarkwidth ..... 9738, 9799, 9941, 10050, 10153, 10262, 10371, 10480, 10589, 10698, 10807, 11002, 11064
\bidi@rcol@copyinsskip ..... 12385, 12390, 12399, 12448	\bidi@RTL@everypar .. 11075, 11087, 11099, 11130, 11149, 11163, 16390, 16394, 19714, 21769, 21773	\bidi@storecatcode 4176 \bidi@storepreventpackagefromloading ..... 4883, 4886
\bidi@redefine@newpage ..... 4989, 5029	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@stringbefore 4234 \bidi@stringbeforenc ..... 4222
\bidi@reflect@box . .. 16469, 16476, 21859, 21866, 21868	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@switch ... 4282, 4293, 4295, 4300
\bidi@reinsert@footnotesv@ .. 15835, 15844, 15872, 15879, 15886	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@switch@exit . 4292, 4293, 4294, 4298, 4299, 4303, 4304, 4308, 4309, 4314, 4315, 4319, 4320
\bidi@reinsert@footnotesv@ .. 15833, 15842, 15871, 15878, 15885	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@t@w@w ..... 4343
\bidi@renew@command ... 3679, 3681, 3695	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@tabular@RTLcases ..... 21872, 21899
\bidi@renewrobustcmd ..... 3679	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@tempa ..... 2157, 2163, 2169, 2175, 2181, 2187, 2199, 2205, 2211, 2218, 2232, 2239, 2249
\bidi@replaceclass 4679	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@tempb .... 2157, 2158, 2163, 2164, 2169, 2170, 2175, 2176, 2181, 2182, 2187, 2188, 2199, 2200, 2205, 2206, 2211, 2212, 2218, 2219, 2232, 2233, 2239, 2240, 2249, 2250
\bidi@replacefile@msg ..... 4616, 4640, 4655, 4693	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@tempcountb 4170, 4439, 4440, 4449, 4450
\bidi@replaceinput 4663	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@temptoksa 4171, 4439, 4442, 4443, 4444, 4446, 4449, 4453
\bidi@replacepackage ..... 4676	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@temptoksb 4172, 4441, 4442, 4443, 4444
\bidi@requirepackage ... 4815, 4875, 4926	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@todonotes@tempa ..... 21462, 21470
\bidi@resetpreventpackagefromloading ..... 4867, 4873, 4882, 4921	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@todonotes@tempb ..... 21462, 21463, 21470, 21471
\bidi@resrvda ..... 3829, 3830, 3831, 3834, 3835, 3836, 3837, 3838, 3839, 3844, 3847, 3859, 3860, 3861, 3862, 3863, 3865, 3866, 3875, 3877, 3891, 3892, 3894, 3896, 3897, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@tok@SM .. 4390, 4395
\bidi@resrvdb . 3831, 3832	\bidi@s@tfftextcol ..... 11742, 11746	\bidi@toks@lista .. 4355, 4357, 4358, 4359, 4360, 4391,
\bidi@restore@newpage ... 4974, 4991, 5021	\bidi@s@tfftextcol ..... 11742, 11746	





4393, 4399, 4400, 4402, 4404, 4409, 4410	\bidiGscale@box@dd . 12718, 12722, 12728	\bidipoem@p@xRTLftntext . . . . 6882, 6893, 6997, 7019, 7099, 7113
\bidi@toks@listb . . . . . 4355, 4391, 4393	\bidiGscale@box@dddd . . . . . 12724, 12735	\bidipoem@set@@verse . . . 6803, 6806, 6808
\bidi@undef 1954, 1977, 3839, 3918, 3980, 4020, 4035, 20449, 20450, 20610, 20611, 20861, 20862	\bidillap . . . . . 22045	\bidipoem@set@verseI . . . . . 6802, 6805
\bidi@undefined . . . 3918	\bidipdfinfooff . . . 2438	\bidipoem@spreadbox . . . . . 6792, 6814, 6816, 6817, 6818
\bidi@undefinedcs . 4268, 4275, 4330, 4334, 4340, 4344, 4385	\bidipdfinfoon 2437, 2443	\bidirlap . . . . . 22044
\bidi@UnPreventPackageFromLoading . . . . . 4887	\bidipoem@hvlen 6797, 6803, 6806, 6809, 6818	\bidituftefloatDebugInfoNL . . . . . 5134, 5222, 5226, 5521, 5570
\bidi@UnReplaceClass . . . . . 4690	\bidipoem@half@verses . . . 6823, 6824, 6827	\bidituftefloatError . . . . . 5133, 5616
\bidi@UnReplaceInput . . . . . 4667	\bidipoem@half@verses@next . . . 6823, 6824, 6825	\bidituftefloatInfoNL . . . 5134, 5135, 5685
\bidi@UnReplacePackage . . . . . 4687	\bidipoem@hvind . . . 6797, 6800, 6801, 6809, 6810, 6813, 6816	\bidituftefloatRecalculate . . . . . 5251, 5262
\bidi@version . . 1995, 1996, 2011, 2028, 2030, 2036, 2042, 2076, 2079, 2082, 2322, 2338, 2358, 2360, 2417, 2420, 2423	\bidipoem@hvlen 6796, 6801, 6803, 6814, 6816	\bidituftehyperrefLoadHyperref . . . . . 6510, 6521
\bidi@w@w . . . . . 4330	\bidipoem@hvsep 6796, 6809, 6810, 6817	\bidituftesidenotemarginpar . . . 5701, 6053, 6212
\bidi@warning . . 3433, 4093, 4107, 4119, 4131	\bidipoem@next 6802, 6803	\bidituftetocError . . . 6241, 6288, 6297
\bidi@willbeunhskip . . . 4377, 4384, 4387	\bidipoem@openbox . . . . . . 6841, 6846	\bidiversion . . 2028, 2355
\bidi@x@stack@to@list . . . . . 4448	\bidipoem@p@ftn 6848, 6858, 6982, 6983, 6985, 6986, 6988, 6989, 6992, 6995, 6998, 7103, 13346, 13356, 13377, 13387, 13408, 13418	\bigskip . . . . . 16531
\bidi@xappto . . . . . . . . 3723, 3729, 3758	\bidipoem@p@ftntext 6875, 6886, 6981, 7092, 7106, 13344	\bigskipamount . . . . 9899, 9904, 10987, 10991, 11049, 11053
\bidi@xargdef . 3661, 3669	\bidipoem@p@LTRftntext 6876, 6887, 6984, 7093, 7107, 13375	\bl . . . . . 16296, 16297, 16300, 16301, 16302, 16306, 16361, 16368, 16372
\bidi@xparaskip 10947, 10985, 11047, 11066	\bidipoem@p@RTLftntext 6877, 6888, 6987, 7094, 7108, 13406	\blacktriangleleft . 1938, 12227, 12229
\bidi@xpreto . . . . . . . . 3745, 3751, 3767	\bidipoem@p@xfootnote . . . . . 6879, 6890, 7000, 7096, 7110	\blacktriangleright . 1940, 12227, 12229
\bidicolor . . . . 7824, 7880, 7895, 7897, 11743, 21712, 21759, 21762, 21763	\bidipoem@p@xftntext . . . . 6878, 6889, 6991, 7005, 7095, 7109	\bm@b . . . . . 22105
\bidics . . . . . 4167	\bidipoem@p@xLTRfootnote . . . . . 6881, 6892, 7007, 7098, 7112	\bm@l . . . . . 22102
\bididate . 1994, 1996, 2011, 2076, 2079, 2320, 2338, 2417, 2420	\bidipoem@p@xLTRftntext . . . . 6880, 6891, 6994, 7012, 7097, 7111	\bm@r . . . . . 22103
\bidiGscale@box . . . . . . . 12709, 12710	\bidipoem@p@xRTLfootnote . . . . . 6883, 6894, 7014, 7100, 7114	\bm@t . . . . . 22104
\bidiGscale@box . . . . 12686, 12687, 12706		\bool . . . 14672, 14680, 14811, 14828, 14829, 14873, 14879, 14894, 14917, 14920, 14940, 14945, 14957, 14974, 14975, 14978, 14995, 15020, 15027, 15033, 15039, 15049,



15056, 15078,	15366, 15475,	\breaklooprepeat 4476,
15190, 15193,	15479, 15571,	4478, 4530, 4531,
15201, 15202,	15577, 15714,	4549, 4560, 4565, 4579
16122, 16124, 16133	15720, 15735,	\breakrepeatloop ... 4505
\boolean .....	15743, 16121,	\bs ..... 2552, 2553, 2555
5134, 5194, 5196,	16129, 16134,	\bslice ..... 16316,
5199, 5203, 5206,	16265, 16269,	16317, 16319,
5209, 5234, 5330,	16285, 16319,	16329, 16330,
5345, 5356, 5376,	16323, 16328,	16332, 16352,
5383, 5391, 5408,	16332, 16344,	16353, 16355,
5428, 5432, 5450,	16355, 16369,	16379, 16380, 16381
5451, 5454, 5455,	16372, 16376,	\bx@A ..... 5556, 5597
5490, 5499, 5510,	16381, 16457,	\bx@a .... 5530, 5562, 5603
6255, 6259, 6307,	16473, 16518,	\bx@AA ... 5569, 5571, 5609
6520, 6657, 6726,	16521, 17585,	\bx@B ..... 5556, 5597
6737, 11757, 16155	17594, 17632,	\bx@b .... 5531, 5562, 5603
\botmark ... 11736, 22542	17643, 19957,	\bx@BB ..... 5572, 5609
\box ..... 1572, 1576,	20003, 20021,	\bx@C ..... 5556, 5597
1578, 1586, 1592,	21656, 21657,	\bx@c .... 5532, 5562, 5603
1594, 2132, 2409,	21667, 21863,	\bx@CC ..... 5573, 5609
5671, 7731, 7795,	22047, 22197,	\bx@D ..... 5556, 5597
7863, 8020, 8023,	22201, 22240,	\bx@d .... 5533, 5562, 5603
8040, 8044, 8079,	22246, 22265,	\bx@DD ..... 5574, 5609
8083, 8089, 8090,	22281, 22413,	\bx@E ..... 5556, 5597
8138, 8144, 8148,	22429, 22440,	\bx@e .... 5534, 5562, 5603
8149, 8375, 8380,	22453, 22455,	\bx@EE ..... 5575, 5609
8387, 8394, 8430,	22519, 22523, 22553	\bx@F ..... 5557, 5598
8714, 8735, 8751,	\boxdef ..... 2584,	\bx@f .... 5535, 5563, 5604
8808, 9911, 9916,	2586, 2592, 2597, 2602	\bx@FF ..... 5576, 5610
10912, 10926,	\boxmaxdepth ... 8706,	\bx@G ..... 5557, 5598
10935, 11278,	8711, 8727, 8732,	\bx@g .... 5536, 5563, 5604
11289, 11552,	8759, 8816, 9806,	\bx@GG ..... 5577, 5610
11556, 11588,	11248, 11263,	\bx@H ..... 5557, 5598
11594, 11637,	11484, 12278,	\bx@h .... 5537, 5563, 5604
11727, 11760,	12280, 12604,	\bx@HH ..... 5578, 5610
11765, 12325,	22268, 22284, 22295	\bx@I ..... 5557, 5598
12332, 12335,	\br ..... 16296, 16298,	\bx@i .... 5538, 5563, 5604
12349, 12423,	16300, 16301,	\bx@II ..... 5579, 5610
12429, 12476,	16302, 16306,	\bx@J ..... 5557, 5598
12480, 12519,	16362, 16368, 16376	\bx@j .... 5539, 5563, 5604
12531, 12542,	\BR@b@bibitem . 5906, 5907	\bx@JJ ..... 5580, 5610
12552, 12565,	\BR@bibitem ... 5909, 5910	\bx@K ..... 5558, 5599
12637, 12654,	\BR@c@bibitem ..... 5911	\bx@k .... 5540, 5564, 5605
12657, 12700,	\bracetext .....	\bx@KK ..... 5581, 5611
12703, 12733,	2099, 2384, 16396,	\bx@L ..... 5558, 5599
12750, 14077,	16397, 21775, 21776	\bx@l .... 5541, 5564, 5605
14485, 14536,	\break ..... 14442	\bx@LL ..... 5582, 5611
14542, 14552,	\BreakBibliography	\bx@M ..... 5558, 5599
14554, 14556,	..... 18067,	\bx@m .... 5542, 5564, 5605
14890, 15148,	18100, 18102,	\bx@MM ..... 5583, 5611
15159, 15164,	18108, 18742,	\bx@N ..... 5558, 5599
15198, 15199,	18775, 18777,	\bx@n .... 5543, 5564, 5605
15200, 15201,	18783, 19419,	\bx@NN ..... 5584, 5611
15203, 15332,	19452, 19454, 19460	\bx@O ..... 5559, 5600



\bx@o . . . . 5544, 5565, 5606	9489, 9491, 9492,	804, 997, 1056,
\bx@OO . . . . . 5585, 5612	11477, 11479,	1247, 1306, 2479,
\bx@P . . . . . 5559, 5600	11481, 11769,	7248, 7425, 7562,
\bx@p . . . . 5545, 5565, 5606	11771, 11773,	9321, 9418, 11421,
\bx@PP . . . . . 5586, 5612	11774, 11782,	12110, 12124,
\bx@Q . . . . . 5559, 5600	11784, 11786,	13159, 13269,
\bx@q . . . . 5546, 5565, 5606	11787, 14127,	13277, 13307,
\bx@QQ . . . . . 5587, 5612	15294, 16024,	13315, 13822,
\bx@R . . . . . 5559, 5600	16773, 16775,	14516, 14519,
\bx@r . . . . 5547, 5565, 5606	16777, 17138,	16790, 16849,
\bx@RR . . . . . 5588, 5612	17140, 17142,	16929, 16990,
\bx@S 5520, 5522, 5560, 5601	17327, 17329,	17186, 17229,
\bx@s . . . . 5548, 5566, 5607	17331, 17509,	17416, 17838,
\bx@SS . . . . . 5589, 5613	17511, 17513, 17514	17959, 18492,
\bx@T . . . . 5523, 5560, 5601	\c@colht . . . . 15419,	18613, 19177, 19298
\bx@t . . . . 5549, 5566, 5607	15431, 15457,	\c@Hy@AnnotLevel . .
\bx@TT . . . . . 5590, 5613	15458, 15519,	. . . . . 13481,
\bx@U . . . . 5524, 5560, 5601	15531, 15557, 15558	13482, 13487, 13491
\bx@u . . . . 5550, 5566, 5607	\c@curpg . . . . .	\c@L@lines . . . . .
\bx@UU . . . . . 5591, 5613	. 11651, 11678, 11679	. 13962, 13964, 13967
\bx@V . . . . 5525, 5560, 5601	\c@DFNsloppiness . .	\c@ll@chapseci . . . . 7905
\bx@v . . . . 5551, 5566, 5607	. . . . . 8704, 8725	\c@ll@chapsecii . . . 7900
\bx@VV . . . . . 5592, 5613	\c@enumiv . . 574, 581,	\c@lofdepth . 20300, 20337
\bx@W . . . . 5526, 5561, 5602	709, 716, 972, 979,	\c@lor@error . . . . .
\bx@w . . . . 5552, 5567, 5608	1222, 1229, 1895,	7869, 7876, 7884,
\bx@WW . . . . . 5593, 5614	1904, 3065, 7203,	7890, 21704, 21738
\bx@X . . . . 5527, 5561, 5602	7210, 7391, 7398,	\c@lotdepth . 20318, 20357
\bx@x . . . . 5553, 5567, 5608	7700, 7707, 9262,	\c@lstlisting 14127, 14129
\bx@XX . . . . . 5594, 5614	9269, 9533, 9540,	\c@LT@chunks . . . . 14468
\bx@Y . . . . 5528, 5561, 5602	11370, 11377,	\c@mpfootnote . . . . .
\bx@y . . . . 5554, 5567, 5608	16754, 16761,	1700, 1715, 1730,
\bx@YY . . . . . 5595, 5614	17148, 17155,	12035, 12049,
\bx@Z . . . . 5529, 5561, 5602	17342, 17349,	12063, 12088, 14655
\bx@z . . . . 5555, 5567, 5608	17545, 17552,	\c@NAT@ctr . . . . . 15983
\bx@ZZ . . . . . 5596, 5614	18076, 18085,	\c@page . . . . . 6664,
\bye . . . . . 2441	18092, 18751,	8986, 9014, 11651,
\bystep . . . . . 4458,	18760, 18767,	11678, 21619, 22409
4470, 4554, 4567,	19428, 19437,	\c@paragraph . . . . .
4577, 4590, 4603, 4604	19444, 20069, 20076	. . 548, 702, 956,
	\c@equation . . . . 7233,	1215, 7230, 7407,
	7410, 7655, 9101,	7664, 9373, 9496,
	9170, 9487, 11477,	11474, 11778,
	11769, 11782,	11791, 15289,
	15294, 16773,	16770, 17135,
	17142, 17327,	17335, 17518,
	17509, 18729, 19406	18052, 18713, 19394
	\c@figure . 7235, 7412,	\c@poem@no . . . . 6933,
	7657, 9489, 11479,	6975, 7027, 7038
	11771, 11784,	\c@secnumdepth . . . .
	15295, 16775,	. . . . . 304, 551,
	17138, 17329,	560, 7474, 7669,
	17511, 18718, 19399	9231, 9240, 9501,
	\c@footnote . . . . 128,	11340, 16535, 17523
	318, 453, 745,	

## C

\c . . . . . 14874, 14875,
14889, 15151, 15232
\c@abspage . . . . . 11832
\c@advipersep 15419,
15437, 15442,
15464, 15494,
15519, 15537,
15542, 15564, 15591
\c@algocf . . . . . 168
\c@chapter 7233, 7235,
7237, 7410, 7412,
7414, 7655, 7657,
7659, 7660, 9487,



\c@section . . . . 7227, 7404, 7661, 9493, 11471, 11775, 11788, 15283, 16034, 16767, 17132, 17332, 17515, 18707, 19388	16699, 16715, 17055, 17071, 17087, 17287, 17301, 17471, 17486, 20145, 20149, 20191, 20210, 20232, 20249, 20266, 20283, 20575, 20687, 20725, 21213, 21409, 22107	\cals@table@alignment . . . . . 7777, 7778 \cals@tbreak@tokens 7782 \cals@tfoot@height 7783 \cals@tfoot@tokens . . . . . 7781, 7798 \cals@thead@tokens 7780 \cals@vfillAdd . 7773, 7775, 7801, 7810 \cals@vfillDrop . . . . . . . 7774, 7775, 7803, 7805, 7808, 7812
\c@subparagraph . . . . . 549, 703, 957, 1216, 7231, 7408, 7665, 9374, 9497, 11475, 11779, 11792, 15291, 16771, 17136, 17336, 17519, 18054, 18715, 19396	\c@tracingmulticols . . . . . 15847, 15865 \c@twb . . . . . 8030 \c@twcompctr . . . . . 8011 \c@twcompoddctr . . . 8027 \c@twfirst 8012, 8018, 8025, 8029, 8038, 8041 \c@twlftside . . . . . 8016 \c@twlspec 8030, 8033, 8037 \c@twprune . . . . 8016, 8017, 8033, 8037 \c@twrounds . . . . 8028, 8031, 8034, 8046 \c@twrtside . . . . . 8017 \c@twslicea . . . . 8014, 8016, 8020, 8023, 8032, 8033, 8040, 8044 \c@twsliceb . . . . 8015, 8017, 8020, 8023, 8036, 8037, 8040, 8044 \c@twwinlines . 8013, 8026 \c@zabspace . . . . . 11832 \cals@activate@rtl 7779 \cals@AtBeginTable 7796 \cals@AtEndTable . . 7798 \cals@backup@row . . 7795 \cals@borderB . . . . 7794 \cals@borderL . . . . 7791 \cals@borderR . . . . 7792 \cals@borderT . . . . 7793 \cals@current@context . . . . . 7785 \cals@last@context 7784 \cals@paddingL . 7801, 7803, 7808, 7810 \cals@paddingR 7805, 7812 \cals@set@tohsz . 7788 \cals@setcellprevdepth . . . . . 7788 \cals@setpadding . . 7788 \cals@setup@alignment . . . . . 7772, 7787	\CAny . . . . . 2573 \cAny . . . . . 2581 \cap@left . . . . . . 18172, 18847, 19524 \cap@margin . . . . . . 18128, 18803, 19480 \cap@right . . . . . . 18180, 18855, 19532 \cap@width . . . . . . 18157, 18832, 19509 \caption . . . . . 5339, 5340, 5342, 5398, 12862, 12880, 14445, 15370, 15372 \caption@@make . . . 14503 \caption@@par . . . . 7816 \caption@begin . . . 14497 \caption@belowskip 14501 \caption@end . . . . 14505 \caption@hangindent 7817 \caption@ifdefined 14500 \caption@LT@make . 14491 \caption@LT@settype . . . . . 14492 \caption@LT@setup 14493 \caption@make@above . . . . . 14502 \caption@make@below . . . . . 14504 \caption@makecaption . . . . . 7814, 14112 \caption@normalsize . . . . . 14498 \caption@parindent 7817 \caption@prepare@stepcounter . . . . . 14496 \caption@setautoposition . . . . . 14494 \caption@starfalse . . . . . 14113, 14495 \caption@startrue . . 14114, 14120, 14495
\c@subsection . . . . . . . 546, 700, 954, 1213, 7228, 7405, 7662, 9371, 9494, 11472, 11776, 11789, 15285, 16768, 17133, 17333, 17516, 18048, 18709, 19390		
\c@subsubsection . . . . . 547, 701, 955, 1214, 7229, 7406, 7663, 9372, 9495, 11473, 11777, 11790, 15287, 16769, 17134, 17334, 17517, 18050, 18711, 19392		
\c@table . . 7237, 7414, 7659, 9491, 11481, 11773, 11786, 15296, 16777, 17140, 17331, 17513, 18721, 19402		
\c@thisframe . . . . . . . 11650, 11655, 11691, 11693, 11694		
\c@tocdepth . . . 3, 198, 508, 525, 644, 660, 678, 871, 904, 922, 1127, 1143, 1161, 7137, 7153, 7169, 7314, 7330, 7346, 7617, 7632, 9204, 9218, 9473, 11308, 11323, 13784, 15639, 15651, 15663, 16683,		



<code>\captionabove</code> . 18228, 18233, 18902, 18907, 19579, 19584	<code>\cftchapnumwidth</code> .. ..... 20200, 20445	<code>\cftsubparafont</code> .. 20296
<code>\captionbelow</code> . 18230, 18235, 18904, 18909, 19581, 19586	<code>\cftchappresnum</code> .. 20201	<code>\cftsubparaindent</code> . ..... 20285, 20288
<code>\captionlabelfalse</code> 14118	<code>\cftchapterprecistoc</code> ..... 20443	<code>\cftsubparanumwidth</code> ..... 20291
<code>\catcode</code> ..... 2321, 2442, 3846, 4179, 4180, 4181, 4221, 5878, 5900, 6831, 6832, 6834, 6835, 12236, 12237, 12352	<code>\cftdot</code> ..... 20141	<code>\cftsubparapresnum</code> 20292
<code>\Centering</code> ..... 16545	<code>\cftdotfill</code> ..... 20435	<code>\cftsubsecaftersnum</code> ..... 20242
<code>\centering</code> .... 303, 8561, 8574, 8690, 11518, 11524, 12892, 12977, 12993, 15317, 15319, 15321, 17926, 18580, 19265	<code>\cftdotsep</code> ..... 20434	<code>\cftsubsecaftersnumb</code> ..... 20243
<code>\CenteringLeftskip</code> 16550	<code>\cftfigaftersnum</code> . 20310	<code>\cftsubsecfillnum</code> 20246
<code>\CenteringParfillskip</code> ..... 16553	<code>\cftfigaftersnumb</code> 20311	<code>\cftsubsecfont</code> ... 20245
<code>\CenteringParindent</code> ..... 16554	<code>\cftfigfillnum</code> ... 20314	<code>\cftsubsecindent</code> .. ..... 20234, 20237
<code>\CenteringRightskip</code> ..... 16551	<code>\cftfigfont</code> ..... 20313	<code>\cftsubsecnumwidth</code> 20240
<code>\centerline</code> 307, 12332, 12349, 16484, 22031	<code>\cftfigindent</code> 20302, 20305	<code>\cftsubsecpresnum</code> 20241
<code>\cftbeforechapskip</code> 20193	<code>\cftfignumwidth</code> .. 20308	<code>\cftsubsubsecaftersnum</code> ..... 20259
<code>\cftbeforefigskip</code> 20301	<code>\cftfigpresnum</code> ... 20309	<code>\cftsubsubsecaftersnumb</code> ..... 20260
<code>\cftbeforeparaskip</code> 20267	<code>\cftparaaftersnum</code> 20276	<code>\cftsubsubsecfillnum</code> ..... 20263
<code>\cftbeforepartskip</code> 20161	<code>\cftparaaftersnumb</code> 20277	<code>\cftsubsubsecfont</code> 20262
<code>\cftbeforesecskip</code> . ..... 20212, 20215	<code>\cftparafillnum</code> .. 20280	<code>\cftsubsubsecindent</code> ..... 20251, 20254
<code>\cftbeforesubfigskip</code> ..... 20338	<code>\cftparafont</code> .... 20279	<code>\cftsubsubsecnumwidth</code> ..... 20257
<code>\cftbeforesubparaskip</code> ..... 20284	<code>\cftparaindent</code> .... ..... 20268, 20271	<code>\cftsubsubsecpresnum</code> ..... 20258
<code>\cftbeforesubsecskip</code> ..... 20233	<code>\cftparanumwidth</code> . 20274	<code>\cftsubtabaftersnum</code> ..... 20367
<code>\cftbeforesubsubsecskip</code> ..... 20250	<code>\cftparapresnum</code> .. 20275	<code>\cftsubtabaftersnumb</code> ..... 20368
<code>\cftbeforesubtabskip</code> ..... 20358	<code>\cftpartaftersnum</code> 20171	<code>\cftsubtabfillnum</code> 20371
<code>\cftbeforetabskip</code> 20319	<code>\cftpartaftersnumb</code> 20172	<code>\cftsubtabfont</code> ... 20370
<code>\cftchapaftersnum</code> 20202	<code>\cftpartfillnum</code> .. 20175	<code>\cftsubtabindent</code> .. ..... 20359, 20362
<code>\cftchapaftersnumb</code> 20203	<code>\cftpartfont</code> .... 20174	<code>\cftsubtabnumwidth</code> 20365
<code>\cftchapfillnum</code> .. 20206	<code>\cftpartindent</code> .... ..... 20163, 20166	<code>\cftsubtabpresnum</code> 20366
<code>\cftchapfont</code> ..... 20205	<code>\cftpartnumwidth</code> . 20169	<code>\cfttabaftersnum</code> . 20328
<code>\cftchapindent</code> .... ..... 20194, 20197, 20444	<code>\cftpartpresnum</code> ... ..... 20170, 20174	<code>\cfttabaftersnumb</code> 20329
	<code>\cftsecaftersnum</code> . 20225	<code>\cfttabfillnum</code> ... 20332
	<code>\cftsecaftersnumb</code> 20226	<code>\cfttabfont</code> ..... 20331
	<code>\cftsecfillnum</code> ... 20229	<code>\cfttabindent</code> 20320, 20323
	<code>\cftsecfont</code> ..... 20228	<code>\cfttabnumwidth</code> .. 20326
	<code>\cftsecindent</code> 20217, 20220	<code>\cfttabpresnum</code> ... 20327
	<code>\cftsecnumwidth</code> .. 20223	<code>\chapnumfont</code> ..... 16534
	<code>\cftsecpresnum</code> ... 20224	<code>\chapter</code> ..... 6253, 6281, 6351, 6359, 6475, 6481, 7199, 7387, 7696, 9529, 11366, 16750, 17144, 17338, 17541
	<code>\cftsubfigaftersnum</code> ..... 20347	
	<code>\cftsubfigaftersnumb</code> ..... 20348	
	<code>\cftsubfigfillnum</code> 20351	
	<code>\cftsubfigfont</code> ... 20350	
	<code>\cftsubfigindent</code> .. ..... 20339, 20342	
	<code>\cftsubfignumwidth</code> 20345	
	<code>\cftsubfigpresnum</code> 20346	
	<code>\cftsubparaaftersnum</code> ..... 20293	
	<code>\cftsubparaaftersnumb</code> ..... 20294	
	<code>\cftsubparafillnum</code> 20297	



\chapterheadendvskip	6734, 6748, 7690, 9523	7865, 7868, 7871,
..... 16540		7889, 7892, 8555,
\chapterheadstartvskip	869, 1121, 4055,	8558, 8568, 8686,
..... 16532	4056, 4060, 4061,	13888, 14618, 21669
\chaptermark . 6738, 20104	4971, 4972, 4975,	\color@ . . . . 21709, 21756
\chaptername . . 308, 15303	5617, 6629, 6664,	\color@b@x . . . . .
\chapterstyle . . . . 15298	6750, 7131, 7308,	7857, 7895, 7897,
\char 2282, 2556, 2557, 4167	7518, 7692, 9525,	21662, 21759, 21762
\chardef . . . . . 4166,	16659, 16914,	\color@begingroup .
12236, 14031,	17373, 17931,	1527, 1659, 1676,
14032, 14038, 14039	18585, 19270, 20138	1693, 1708, 1723,
\check@floats . . . . . 8455	\checkbox@ . . . . . 16520	1738, 6063, 6081,
\CheckCommand 13266, 13304	\CloneTOCEntryStyle	6099, 7101, 7115,
\checkoddpaper . . . . . 5233	..... 18245,	9658, 9672, 9686,
\CIIAny . . . . . 2574	18258, 18276,	9698, 9709, 9720,
\ciiAny . . . . . 2582	18282, 18919,	9826, 9949, 9959,
\circle 7919, 7922, 7929,	18932, 18951,	9969, 9995, 10008,
7932, 7942, 7945,	18957, 19596,	10020, 10058,
7952, 7955, 7965,	19609, 19628, 19634	10067, 10076,
7968, 7975, 7978,	\closing . . . . . 9563	10101, 10113,
7988, 7991, 7998, 8001	\clubpenalty . . . . 92,	10124, 10161,
\cite . . . . . 5915,	295, 583, 584,	10171, 10181,
6007, 6013, 6014,	717, 980, 1230,	10207, 10220,
6108, 6113, 6134,	1907, 1908, 3066,	10232, 10270,
6142, 6163, 6171,	6949, 7211, 7399,	10280, 10290,
6192, 6210, 6214,	7709, 7710, 9270,	10316, 10329,
6219, 6223, 6228,	9542, 9543, 11378,	10341, 10379,
6232, 15992, 15993	13749, 15989,	10389, 10399,
\citeasnoun . . . . . 15993	16762, 17156,	10425, 10438,
\citeN . . . . . 15992	17351, 17352,	10450, 10488,
\cites . . . . . 6008	17554, 17555,	10498, 10508,
\cl@ckpt . . . . . 19845	18094, 18769,	10534, 10547,
\ClassInfo . . . . 6695,	19446, 20078, 20079	10559, 10597,
6760, 17736,	\coffefont . . . . . 15659	10607, 10617,
18139, 18148,	\col@number . . . . 132,	10643, 10656,
18239, 18389,	137, 139, 142,	10668, 10706,
18814, 18823,	143, 150, 459, 810,	10716, 10726,
18913, 19074,	1062, 1312, 7568,	10752, 10765,
19491, 19500, 19590	9327, 9424, 11427,	10777, 10815,
\ClassWarning . . . . .	15261, 15601,	10825, 10835,
. . 17909, 17916,	15683, 15688,	10861, 10874,
17938, 17944,	15762, 15763,	10886, 11082,
17951, 18563,	15765, 15768,	11094, 11106,
18570, 18592,	15769, 15776,	11143, 11157,
18598, 18605,	15826, 15827,	11171, 11254,
19248, 19255,	15830, 15831,	11267, 11984,
19277, 19283, 19290	15893, 15897,	12001, 12017,
\ClassWarningNoLine	16855, 16996,	12044, 12058,
..... 15354	17240, 17422,	12072, 12084,
\clear . . . . . 5012	17964, 18618, 19303	12572, 12582,
\cleardoubleemptypage	\col@sep 379, 407, 7820,	12589, 14508,
. 17929, 18583, 19268	7821, 14457, 21876	14592, 22271,
\cleardoublepage 6617,	\color 2513, 2514, 2515,	22287, 22298, 22306
6662, 6664, 6721,	2516, 2517, 2989,	\color@block . 7862, 21667



<code>\color@box</code> .. 7895, 21759	17682, 22513, 22529	9277, 9281, 9576,
<code>\color@endbox</code> .. 2823,	<code>\color@setgroup</code> ...	9580, 9625, 9655,
5737, 5781, 5825,	..... 7898, 21764	9669, 9683, 9695,
17657, 17667,	<code>\color@vbox</code> .....	9706, 9717, 9992,
17685, 22351,	2801, 5728, 5772,	10004, 10017,
22395, 22516, 22532	5816, 22342, 22386	10098, 10109,
<code>\color@endgroup</code> 1561,	<code>\colorA</code> .. 7476, 7485, 7497	10121, 10204,
1662, 1679, 1696,	<code>\colorB</code> .....	10216, 10229,
1711, 1726, 1741,	7488, 7494, 7500	10313, 10325,
6067, 6085, 6103,	<code>\colorblend</code> ... 21676,	10338, 10422,
7103, 9660, 9674,	21677, 21719, 21720	10434, 10447,
9688, 9700, 9711,	<code>\colorbox</code> .....	10531, 10543,
9722, 9829, 9887,	2629, 2631, 2632	10556, 10640,
9951, 9961, 9971,	<code>\colorlet</code> .... 1534, 1536	10652, 10665,
9997, 10010,	<code>\columncolor</code> .. 1466, 7828	10749, 10761,
10022, 10060,	<code>\columnsep</code> .....	10774, 10858,
10069, 10078,	219, 597, 613, 862,	10870, 10883,
10103, 10115,	1114, 2462, 2898,	10997, 11059,
10126, 10163,	7124, 7301, 7511,	11139, 11153,
10173, 10183,	8084, 8383, 11557,	11167, 11359,
10209, 10222,	12481, 13757,	11363, 11548,
10234, 10272,	15481, 15598,	11550, 11554,
10282, 10292,	15691, 15737,	11558, 11586,
10318, 10331,	16652, 16907,	11592, 11890,
10343, 10381,	17366, 21624,	11893, 11895,
10391, 10401,	21629, 21633,	11980, 11997,
10427, 10440,	21639, 21642, 22202	12013, 12040,
10452, 10490,	<code>\columnseprule</code> .. 99,	12054, 12068,
10500, 10510,	219, 596, 612,	12086, 12367,
10536, 10549,	861, 1113, 2463,	12374, 12421,
10561, 10599,	2899, 7123, 7300,	12427, 12470,
10609, 10619,	7510, 8075, 8140,	12474, 12478,
10645, 10658,	8372, 8391, 11549,	12482, 12834,
10670, 10708,	11590, 12425,	12835, 13771,
10718, 10728,	12472, 13757,	13845, 13849,
10754, 10767,	15471, 15573,	14595, 15469,
10779, 10817,	15716, 15727,	15473, 15477,
10827, 10837,	16651, 16906,	15480, 15569,
10863, 10876,	17365, 22193, 22242	15575, 15598,
10888, 11084,	<code>\columnseprulecolor</code>	15627, 15633,
11096, 11108,	..... 15715, 15726	15795, 15799,
11145, 11159,	<code>\columnwidth</code> 28, 41, 55,	15803, 15807,
11173, 11258,	71, 232, 244, 258,	16747, 17170,
11271, 11987,	273, 540, 544, 731,	17320, 17324,
12004, 12020,	965, 1211, 1652,	17502, 17506,
12047, 12061,	1669, 1686, 1704,	17786, 17825,
12075, 12105,	1719, 1734, 2109,	17826, 18440,
12575, 12585,	2115, 2813, 7225,	18479, 18480,
12592, 22275,	7378, 7648, 7652,	19125, 19164,
22290, 22302, 22309	7760, 8073, 8077,	19165, 22191,
<code>\color@fb@x</code> . 21760, 21761	8081, 8085, 8136,	22195, 22199,
<code>\color@fbox</code> .. 7896, 21760	8142, 8370, 8374,	22203, 22238,
<code>\color@hbox</code> .....	8379, 8384, 8386,	22244, 22434, 22436
.. 17654, 17664,	8393, 8704, 8725,	<code>\contentslabel</code> . 6312,





6319, 6326, 6333, 6340	12396, 12398,	1927, 1944, 1946,
\contentsline . . . . 13097	12445, 12447,	1948, 2658, 2659,
\contentsmargin . . 20043	12774, 12780,	2673, 2674, 2700,
\contentspush . . . . 20017	15826, 15830,	2703, 2706, 2722,
\convertcolorspec .	22327, 22371, 22479	2730, 2738, 2793,
. . . . . 21683,	\count@ . . . 1406, 1465,	3080, 3083, 3086,
21686, 21726, 21729	3236, 3241, 5059,	3088, 3090, 3093,
\Coord . . . . . 2570	5060, 5062, 7826,	3096, 3104, 3105,
\coord . . . . . 2575	15678, 15679,	3110, 3117, 3119,
\CoordIII . . . . . 2572	15681, 15683,	3121, 3122, 3123,
\coordiii . . . . . 2577	15690, 15711,	3124, 3127, 3129,
\Coordn . . . . . 2571	15712, 15714,	3133, 3135, 3164,
\coordn . . . . . 2576	15731, 15732,	3165, 3188, 3189,
\Coordx . . . . . 2567,	15735, 16090,	3216, 3243, 3247,
2570, 2571, 2572,	16098, 16111, 19884	3258, 3266, 3274,
2573, 2574, 2575,	\counterwithout 15299,	3282, 3284, 3286,
2576, 2577, 2581, 2582	15300, 15301, 15302	3290, 3291, 3355,
\coordx . . . . . 2578	\coverpagebottommargin	3397, 3407, 3413,
\Coordy . . . . . 2568,	. 17818, 18472, 19157	3414, 3416, 3417,
2570, 2571, 2572,	\coverpageleftmargin	3419, 3420, 3422,
2573, 2574, 2575,	. . 17813, 17814,	3623, 3624, 3626,
2576, 2577, 2581, 2582	17816, 18467,	3627, 3630, 3631,
\coordy . . . . . 2579	18468, 18470,	3640, 3641, 3676,
\Coordz . . . . . 2569,	19152, 19153, 19155	3677, 3700, 3755,
2572, 2574, 2577, 2582	\coverpagerightmargin	3756, 3757, 3758,
\coordz . . . . . 2580	. 17816, 18470, 19155	3764, 3765, 3766,
\copy . . . . . 5724,	\coverpagetopmargin	3767, 3850, 3851,
5768, 5812, 7764,	. . . . . 17812,	3854, 3855, 4088,
8053, 8116, 8225,	17818, 18466,	4089, 4091, 4102,
8715, 8736, 11531,	18472, 19151, 19157	4103, 4105, 4116,
11567, 12395,	\cr . . . . . 395, 6896,	4126, 4135, 4136,
12444, 12645,	6903, 6959, 9914,	4137, 4138, 4161,
12691, 14533,	9918, 9920, 14472,	4185, 4190, 4194,
14545, 14549,	19790, 19828, 22079	4210, 4228, 4230,
15403, 15503,	\crcr . 406, 2695, 6899,	4238, 4240, 4249,
16389, 16472,	19778, 19808,	4250, 4330, 4334,
16542, 21862,	21887, 21890, 22066	4367, 4369, 4380,
22171, 22218,	\CROP@llc . . . . . 7961	4381, 4395, 4403,
22338, 22382, 22445	\CROP@lrc . . . . . 7984	4405, 4432, 4453,
\cor@height . . . 15426,	\CROP@ulc . . . . . 7915	4490, 4491, 4492,
15427, 15454,	\CROP@urc . . . . . 7938	4508, 4509, 4510,
15455, 15494,	\CROP@exectopt . . . . 8008	4511, 4613, 4616,
15526, 15527,	\cs . . . . . 14729, 14780,	4620, 4637, 4640,
15554, 15555, 15591	14798, 14852,	4642, 4652, 4655,
\count 2104, 2389, 2796,	14867, 15155,	4657, 4664, 4669,
4485, 5713, 5757,	15157, 16118, 16119	4674, 4684, 4700,
5801, 9900, 9932,	\cs@a . . . . . 4252	4703, 4717, 4729,
10041, 10144,	\csname . . 8, 44, 58, 74,	4761, 4772, 4856,
10253, 10362,	166, 168, 203, 247,	4859, 4899, 4948,
10471, 10580,	261, 276, 333, 334,	5088, 5109, 5460,
10689, 10798,	383, 1369, 1658,	5461, 5468, 5469,
10957, 10963,	1675, 1692, 1707,	6061, 6079, 6097,
11015, 11021,	1722, 1737, 1770,	6128, 6157, 6186,
11661, 12387,	1796, 1822, 1925,	6428, 6954, 6982,





6985, 6988, 7002,	13137,	13148,	21155,	21169,
7009, 7016, 7024,	13348,	13379,	21173,	21176,
7025, 7063, 7088,	13410,	13789,	21180,	21185,
7089, 7871, 7877,	13892,	13895,	21189,	21194,
7885, 7892, 9657,	14325,	14391,	21196,	21197,
9671, 9685, 9697,	15383,	15384,	21200,	21204,
9708, 9719, 9948,	15391,	17698,	21241,	21243,
9958, 9968, 9994,	17702,	17706,	21250,	21251,
10007, 10019,	17789,	18013,	21255,	21260,
10057, 10066,	18248,	18250,	21264,	21275,
10075, 10100,	18252,	18255,	21276,	21280,
10112, 10123,	18261,	18269,	21286,	21341,
10160, 10170,	18271,	18273,	21342,	21346,
10180, 10206,	18279,	18351,	21442,	21443,
10219, 10231,	18355,	18359,	21445,	21448,
10269, 10279,	18443,	18667,	21449,	21453,
10289, 10315,	18922,	18924,	21917,	21982,
10328, 10340,	18926,	18929,	22068,	22129,
10378, 10388,	18935,	18943,	22142, 22144, 22613	
10398, 10424,	18945,	18948,	\CT@do@color . . . . .	7823
10437, 10449,	18954,	19036,	\CT@cell@color	1490, 7848
10487, 10497,	19040,	19044,	\CT@color . . . . .	7822
10507, 10533,	19128,	19352,	\CT@column@color . .	
10546, 10558,	19599,	19601,	. . . . .	1488, 7846
10596, 10606,	19603,	19606,	\CT@do@color . . . . .	
10616, 10642,	19612,	19620,	. . .	1491, 7823, 7849
10655, 10667,	19622,	19625,	\CT@extract . . .	1466, 7828
10705, 10715,	19631,	19780,	\CT@row@color .	1489, 7847
10725, 10751,	19806,	19808,	\CT@setup . . . . .	1455,
10764, 10776,	19840,	19862,	1456, 1458, 1459,	
10814, 10824,	19864,	19880,	1463, 1487, 7819, 7845	
10834, 10860,	19881,	19901,	\cumpartcl . . . . .	16293
10873, 10885,	19908,	20121,	\cumtcl . . . . .	16293
11080, 11092,	20384,	20385,	\curraddr . . . . .	322
11104, 11141,	20401,	20402,	\current@color . . . .	
11155, 11169,	20403,	20410,	. . . .	7864, 7870,
11486, 11639,	20412,	20413,	7877, 7885, 7891,	
11640, 11645,	20466,	20467,	12214, 12219,	
11646, 11751,	20625,	20626,	21668, 21705,	
11752, 11753,	20730,	20755,	21706, 21710,	
11754, 11756,	20782,	20786,	21739, 21740, 21757	
11758, 11759,	20790,	20847,	\CurrentOption . . . .	
11760, 11761,	20900,	20903,	. . . .	6676, 6677,
11763, 11764,	20917,	20933,	6678, 6679, 6680,	
11765, 11822,	20934,	20950,	6700, 6701, 6702,	
11846, 11864,	20957,	20962,	6703, 6704, 8501, 8599	
11950, 11959,	20980,	20981,	\currentposxwidth .	3620
11982, 11999,	20993,	20994,	\currentposyheight	3637
12015, 12043,	21104,	21104,	\CustomFBox . . . . .	12216
12057, 12071,	21106,	21108,	\cuted@column@badness	
12118, 12133,	21124,	21127,	. . . . .	8248,
13099, 13102,	21133,	21135,	8249, 8262, 8273	
13104, 13108,	21138,	21142,	\cuted@page@rule .	
13112, 13126,	21147,	21151,	. . . . .	8328, 8329



<code>\cuted@@tempbox@a</code> .	<b>D</b>	18333, 18959,
..... 8189,	<code>\d</code> ..... 14699	18967, 18978,
8199, 8226, 8228,	<code>\d@llarbegin</code> .....	18987, 18997,
8229, 8317, 8375, 8387	... 379, 408, 1410,	19007, 19018,
<code>\cuted@@tempbox@c</code> .	1411, 1412, 1475,	19636, 19644,
.... 8228, 8229,	1478, 1479, 7833,	19655, 19664,
8236, 8237, 8241,	7836, 7837, 21876	19674, 19684, 19695
8242, 8257, 8261,	<code>\d@llarend</code> .....	<code>\DeclareTOCEntryStyle</code>
8271, 8287, 8305,	... 380, 408, 1410,	. 20451, 20612, 20863
8316, 8319, 8321, 8322	1411, 1412, 1477,	<code>\dedication</code> .....
<code>\cuted@@tempbox@var</code>	1478, 1479, 7835,	. 18040, 18694, 19379
... 8367, 8405, 8417	7836, 7837, 21877	<code>\dedicatory</code> ..... 323
<code>\cuted@@tempdim@a</code> .	<code>\dashgapcolor</code> ..... 1470	<code>\def</code> ..... 2, 23, 26,
..... 8257,	<code>\date</code> 447, 483, 787, 832,	30, 34, 48, 64, 95,
8259, 8261, 8263,	1039, 1084, 1289,	98, 107, 108, 109,
8266, 8267, 8268,	1334, 2497, 6542,	110, 122, 132, 133,
8318, 8330, 8336,	6590, 7290, 7467,	135, 197, 218, 227,
8348, 8352, 8358,	7556, 7592, 9315,	228, 229, 230, 234,
8455, 8456, 8457, 8461	9349, 9412, 9448,	237, 251, 266, 298,
<code>\cuted@@tempdim@b</code> .	11415, 11449,	301, 313, 319, 336,
8221, 8224, 8226,	16832, 16877,	345, 350, 352, 377,
8229, 8233, 8245,	16973, 17020,	382, 384, 405, 406,
8263, 8287, 8295,	17223, 17264,	407, 408, 454, 455,
8301, 8308, 8317,	17410, 17446,	486, 550, 587, 719,
8319, 8344, 8347, 8349	18041, 18695, 19380	742, 743, 751, 790,
<code>\cuted@@tempdim@spread</code>	<code>\deadcycles</code> ... 4072, 4075	791, 793, 798, 800,
.... 8236, 8237,	<code>\debugfootnotedirection</code>	805, 807, 835, 982,
8238, 8239, 8246,	..... 11809	994, 995, 1003,
8250, 8253, 8256,	<code>\DeclareOption</code> ....	1042, 1043, 1045,
8257, 8259, 8264,	2828, 2831, 2834,	1050, 1052, 1057,
8275, 8285, 8288,	2837, 2840, 2843,	1058, 1087, 1232,
8293, 8296, 8300,	2846, 2851, 2852,	1244, 1245, 1253,
8304, 8321, 8323, 8325	2853, 2854, 2855,	1292, 1293, 1295,
<code>\cuted@@varbox@a</code> 8225,	2857, 5138, 5140,	1300, 1302, 1307,
8226, 8232, 8233,	5142, 5145, 5150,	1309, 1337, 1357,
8261, 8267, 8270,	6247, 6248, 6506,	1367, 1368, 1371,
8278, 8347, 8380, 8394	6507, 6532, 6533,	1377, 1405, 1418,
<code>\cuted@@varbox@c</code> 8232,	6676, 6677, 6678,	1419, 1422, 1435,
8233, 8238, 8239,	6679, 6680, 6700,	1443, 1451, 1452,
8243, 8244, 8267,	6701, 6702, 6703,	1455, 1456, 1459,
8270, 8274, 8277,	6704, 8491, 8493,	1464, 1518, 1526,
8278, 8279, 8281, 8306	8495, 8497, 8499,	1602, 1611, 1612,
<code>\cuted@@wlog@debug</code>	8500, 8589, 8591,	1614, 1624, 1633,
..... 8240,	8593, 8595, 8597, 8598	1634, 1637, 1638,
8266, 8268, 8277, 8281	<code>\DeclareRobustCommand</code>	1639, 1642, 1643,
<code>\cvcomputer</code> ..... 3021	..... 2555,	1644, 1757, 1758,
<code>\cvdoubleitem</code> . 2998, 3022	2556, 2557, 2558,	1759, 1764, 1768,
<code>\cventry</code> ..... 3010	2559, 2560, 2561,	1783, 1784, 1785,
<code>\cvlanguage</code> ..... 3019	5473, 5480, 7865,	1790, 1794, 1809,
<code>\cvline</code> 2993, 2994, 2999,	7880, 21669, 21712	1810, 1811, 1816,
3003, 3005, 3011, 3020	<code>\DeclareSectionCommand</code>	1820, 1831, 1842,
<code>\cvlistdoubleitem</code> . 3004	..... 18284,	1851, 1862, 1876,
<code>\cvlistitem</code> ..... 3002	18294, 18302,	1911, 1994, 1995,
<code>\cvtheme</code> ..... 2936, 2939	18312, 18322,	2096, 2098, 2099,



2142, 2145, 2148,  
2151, 2220, 2224,  
2320, 2322, 2355,  
2372, 2380, 2381,  
2382, 2383, 2384,  
2390, 2391, 2398,  
2414, 2415, 2416,  
2419, 2422, 2426,  
2437, 2438, 2441,  
2450, 2455, 2480,  
2481, 2563, 2564,  
2565, 2567, 2568,  
2569, 2570, 2571,  
2572, 2573, 2574,  
2575, 2576, 2577,  
2578, 2579, 2580,  
2581, 2582, 2587,  
2598, 2629, 2630,  
2631, 2632, 2639,  
2645, 2651, 2659,  
2664, 2666, 2674,  
2679, 2680, 2695,  
2699, 2702, 2705,  
2710, 2713, 2716,  
2720, 2728, 2736,  
2743, 2745, 2746,  
2748, 2817, 2911,  
2912, 2913, 2914,  
2915, 2916, 2918,  
2919, 2937, 2938,  
2941, 2942, 2943,  
2944, 2945, 2946,  
2947, 2948, 2949,  
2950, 2951, 2952,  
2953, 3069, 3138,  
3158, 3159, 3162,  
3168, 3171, 3182,  
3183, 3186, 3192,  
3195, 3206, 3208,  
3211, 3215, 3221,  
3229, 3230, 3231,  
3232, 3233, 3234,  
3235, 3242, 3243,  
3247, 3252, 3260,  
3268, 3276, 3283,  
3285, 3385, 3393,  
3414, 3422, 3423,  
3424, 3430, 3432,  
3433, 3434, 3436,  
3655, 3657, 3659,  
3665, 3669, 3672,  
3681, 3692, 3694,  
3695, 3706, 3779,  
3798, 3830, 3831,

3832, 3843, 3857,  
3860, 3861, 3873,  
3885, 3889, 3892,  
3905, 3914, 3942,  
3970, 3973, 3974,  
3982, 3983, 4019,  
4034, 4061, 4078,  
4135, 4136, 4137,  
4138, 4147, 4167,  
4176, 4183, 4190,  
4194, 4199, 4204,  
4209, 4211, 4214,  
4217, 4225, 4226,  
4228, 4230, 4231,  
4238, 4240, 4241,  
4248, 4249, 4250,  
4251, 4252, 4256,  
4257, 4259, 4260,  
4262, 4268, 4274,  
4292, 4293, 4298,  
4303, 4308, 4314,  
4319, 4330, 4334,  
4340, 4343, 4357,  
4359, 4361, 4362,  
4364, 4365, 4366,  
4368, 4370, 4372,  
4374, 4375, 4380,  
4381, 4382, 4383,  
4384, 4389, 4390,  
4397, 4399, 4402,  
4407, 4409, 4415,  
4416, 4417, 4418,  
4422, 4425, 4427,  
4428, 4432, 4434,  
4435, 4438, 4448,  
4490, 4491, 4492,  
4495, 4505, 4512,  
4514, 4519, 4531,  
4538, 4540, 4544,  
4545, 4552, 4554,  
4557, 4562, 4569,  
4571, 4638, 4641,  
4650, 4653, 4805,  
4816, 4855, 4968,  
4978, 4991, 5045,  
5055, 5057, 5062,  
5067, 5073, 5074,  
5077, 5084, 5092,  
5107, 5180, 5271,  
5292, 5296, 5309,  
5389, 5458, 5476,  
5482, 5519, 5644,  
5646, 5647, 5648,  
5657, 5659, 5660,

5661, 5665, 5667,  
5673, 5674, 5701,  
5715, 5718, 5722,  
5726, 5739, 5745,  
5759, 5762, 5766,  
5770, 5783, 5789,  
5803, 5806, 5810,  
5814, 5827, 5879,  
5894, 5899, 6025,  
6027, 6055, 6073,  
6091, 6112, 6141,  
6170, 6390, 6427,  
6435, 6664, 6802,  
6803, 6805, 6823,  
6824, 6827, 6837,  
6838, 6839, 6840,  
6846, 6849, 6860,  
6861, 6862, 6872,  
6898, 6902, 6909,  
6931, 6950, 6951,  
6952, 6958, 6981,  
6984, 6987, 6991,  
6994, 6997, 7000,  
7007, 7014, 7024,  
7025, 7026, 7036,  
7040, 7043, 7048,  
7049, 7050, 7052,  
7061, 7067, 7088,  
7089, 7213, 7245,  
7246, 7254, 7401,  
7422, 7423, 7431,  
7471, 7491, 7563,  
7564, 7595, 7666,  
7680, 7713, 7717,  
7729, 7742, 7749,  
7753, 7756, 7819,  
7822, 7825, 7857,  
7864, 7867, 7874,  
7882, 7888, 7895,  
7896, 7898, 8012,  
8025, 8028, 8029,  
8034, 8041, 8046,  
8050, 8113, 8172,  
8174, 8176, 8698,  
8702, 8705, 8723,  
8726, 8744, 8801,  
8978, 9042, 9069,  
9071, 9076, 9107,  
9108, 9181, 9230,  
9249, 9272, 9322,  
9323, 9352, 9419,  
9420, 9451, 9498,  
9513, 9546, 9624,  
9651, 9665, 9679,



9693,	9704,	9715,	11894,	11896,	13497,	13500,
9744,	9745,	9746,	11898,	11900,	13534,	13566,
9754,	9755,	9756,	11902,	11903,	13595,	13622,
9873,	9944,	9954,	11905,	11909,	13625,	13627,
9964,	9990,	10002,	11918,	11920,	13630,	13639,
10015,	10026,		11927,	11928,	13640,	13644,
10031,	10053,		11945,	11948,	13646,	13647,
10062,	10071,		11954,	11957,	13648,	13650,
10096,	10107,		11965,	11966,	13659,	13661,
10119,	10129,		11967,	11973,	13752,	13756,
10134,	10156,		11990,	12006,	13765,	13766,
10166,	10176,		12034,	12048,	13767,	13769,
10202,	10214,		12062,	12076,	13773,	13775,
10227,	10238,		12082,	12088,	13780,	13783,
10243,	10265,		12095,	12108,	13804,	13816,
10275,	10285,		12112,	12116,	13852,	13853,
10311,	10323,		12122,	12127,	13871,	13888,
10336,	10347,		12131,	12210,	13890,	13891,
10352,	10374,		12224,	12226,	13898,	13903,
10384,	10394,		12228,	12230,	13913,	13962,
10420,	10432,		12238,	12343,	13964,	14064,
10445,	10456,		12353,	12384,	14080,	14081,
10461,	10483,		12392,	12441,	14113,	14114,
10493,	10503,		12494,	12530,	14118,	14120,
10529,	10541,		12618,	12626,	14426,	14438,
10554,	10565,		12632,	12641,	14442,	14443,
10570,	10592,		12643,	12659,	14444,	14451,
10602,	10612,		12670,	12671,	14479,	14507,
10638,	10650,		12673,	12686,	14515,	14518,
10663,	10674,		12687,	12689,	14523,	14562,
10679,	10701,		12705,	12707,	14569,	14579,
10711,	10721,		12710,	12712,	14587,	14653,
10747,	10759,		12713,	12728,	14654,	15257,
10772,	10783,		12735,	12795,	15259,	15309,
10788,	10810,		12796,	12797,	15311,	15359,
10820,	10830,		12798,	12807,	15370,	15381,
10856,	10868,		12809,	12845,	15400,	15500,
10881,	10892,		13097,	13124,	15597,	15605,
10897,	10947,		13135,	13146,	15638,	15650,
10979,	11041,		13157,	13167,	15662,	15676,
11076,	11088,		13178,	13189,	15709,	15723,
11100,	11131,		13200,	13215,	15758,	15762,
11150,	11164,		13230,	13247,	15793,	15797,
11182,	11192,		13273,	13290,	15801,	15805,
11201,	11210,		13298,	13311,	15809,	15811,
11302,	11337,		13328,	13336,	15817,	15821,
11349,	11380,		13344,	13361,	15825,	15829,
11422,	11423,		13369,	13375,	15833,	15835,
11452,	11483,		13392,	13400,	15997,	16011,
11515,	11521,		13406,	13423,	16013,	16020,
11528,	11564,		13431,	13439,	16026,	16106,
11638,	11649,		13453,	13457,	16158,	16162,
11697,	11801,		13471,	13479,	16166,	16168,
11888,	11892,		13486,	13494,	16184,	16196,



16210,	16260,	18780,	18806,	21904,	21905,
16267,	16386,	18885,	18902,	21906,	21908,
16387,	16389,	18904,	19048,	21918,	21955,
16390,	16396,	19078,	19080,	22021,	22031,
16397,	16398,	19110,	19130,	22034,	22037,
16408,	16418,	19384,	19450,	22042,	22043,
16426,	16434,	19457,	19483,	22044,	22045,
16435,	16436,	19562,	19579,	22046,	22048,
16437,	16438,	19581,	19713,	22051,	22061,
16439,	16444,	19717,	19734,	22066,	22069,
16445,	16448,	19755,	19758,	22089,	22092,
16450,	16451,	19773,	19778,	22102,	22103,
16452,	16453,	19781,	19804,	22104,	22105,
16455,	16456,	19808,	19812,	22106,	22126,
16469,	16475,	19822,	19838,	22128,	22161,
16482,	16483,	19844,	19852,	22168,	22215,
16484,	16485,	19873,	19882,	22315,	22329,
16486,	16488,	19883,	19899,	22332,	22336,
16489,	16595,	19903,	19906,	22340,	22353,
16616,	16622,	19910,	19913,	22359,	22373,
16642,	16643,	19943,	19988,	22376,	22380,
16764,	16787,	20022,	20044,	22384,	22397,
16788,	16796,	20050,	20053,	22403,	22443,
16835,	16836,	20055,	20058,	22447,	22448,
16838,	16843,	20082,	20785,	22449,	22450,
16845,	16850,	20809,	21408,	22460,	22546,
16852,	16880,	21429,	21431,	22558,	22559,
16926,	16927,	21587,	21630,	22561,	22683,
16935,	16976,	21633,	21639,	22685,	22689,
16977,	16979,	21643,	21662,	22691, 22723, 22725	
16984,	16986,	21668,	21671,	\default@color 7864, 21668	
16991,	16993,	21693,	21702,	\DefaultFindent .. 13860	
17023,	17045,	21708,	21714,	\DefaultLhang .... 13856	
17158,	17187,	21736,	21742,	\DefaultLoversize 13857	
17189,	17230,	21751,	21755,	\DefaultLraise ... 13858	
17232,	17267,	21759,	21760,	\DefaultNindent .. 13861	
17355,	17417,	21761,	21764,	\DefaultOptionsFile	
17418,	17449,	21769,	21775,	. 13880, 13883, 13886	
17520,	17532,	21776,	21777,	\DefaultSlope .... 13862	
17558,	17562,	21787,	21797,	\defbeamertemplate	
17605,	17652,	21806,	21817,	.... 1929, 1932,	
17655,	17662,	21818,	21827,	1950, 1951, 1952,	
17665,	17673,	21828,	21837,	1956, 1963, 1970, 1979	
17680,	17683,	21838,	21843,	\deffootnote .. 17708,	
17710,	17740,	21844,	21847,	17773, 18361,	
17742,	17771,	21849,	21850,	18427, 19046, 19112	
17791,	18045,	21851,	21852,	\define@choicekey .	
18046,	18098,	21854,	21856,	2157, 2163, 2169,	
18105,	18131,	21858,	21859,	2175, 2181, 2187,	
18211,	18228,	21872,	21874,	2199, 2205, 2211,	
18230,	18363,	21879,	21881,	2218, 2232, 2239,	
18393,	18395,	21887,	21889,	2249, 21462, 21470	
18425,	18445,	21896,	21898,	\define@key 2141, 2144,	
18699,	18773,	21901,	21903,	2147, 2150, 21460	



<code>\definecolor</code> . . . . .	8777, 8807, 8814, 8817, 8819, 8823, 8831	<code>\dfn@RTLfootnotetext</code> . . . . . 8723, 8743
. . . . 2504, 2505,		<code>\dfn@RTLmakecol</code> . . .
2506, 2507, 2508,		. . . 8744, 8853, 8854
2910, 2917, 8505,	8716, 8737, 8754,	<code>\dfn@split</code> 8716, 8737,
8510, 8513, 8514,	8755, 8762, 8767,	8750, 8762, 8807, 8819
8515, 8517, 8518,	8811, 8812, 8819, 8822	<code>\DFNalwaysdouble</code> . . 8856
8521, 8522, 8524,	<code>\dfn@countins</code> . 8746, 8803	<code>\DFNcolumnsep</code> . . . . .
8525, 8528, 8529,	<code>\dfn@dima</code> . . . . . 8707,	. . . 8765, 8778, 8822
8531, 8532, 8535,	8708, 8709, 8720,	<code>\DFNcolumnwidth</code> . . .
8536, 8538, 8539,	8728, 8729, 8730,	. . . . 8699, 8704,
8542, 8543, 8608,	8741, 8745, 8762,	8725, 8764, 8766,
8609, 8614, 8615,	8782, 8802, 8819, 8834	8769, 8779, 8821, 8823
8620, 8621, 8626,	<code>\dfn@dimb</code> . . . . .	<code>\diagbox@double</code> 8858, 8861
8627, 8632, 8633, 9174	8782, 8783, 8785,	<code>\diagbox@double@pict@NE</code> . . . . . 8932, 8939
<code>\DefineTOCEntryCommandOption</code> . . . . . 20874,	8786, 8788, 8834, 8835, 8837, 8838, 8840	<code>\diagbox@double@pict@NW</code> . . . . . 8931
20876, 20878,	<code>\dfn@elt@adjust</code> 8782, 8834	<code>\diagbox@double@pict@SE</code> . . . . . 8924, 8931
20882, 20884,	<code>\dfn@elt@getht</code> 8747, 8804	<code>\diagbox@double@pict@SW</code> . . . . . 8939
20886, 20888, 20890	<code>\dfn@fnht</code> . 8718, 8739,	<code>\diagbox@font</code> . . . . .
<code>\DefineTOCEntryIfOption</code> . . . . . 20866,	8780, 8783, 8789,	8859, 8862, 8866,
20868, 20872, 20908	8790, 8791, 8832, 8835, 8841, 8842, 8843	8868, 8873, 8875,
<code>\DefineTOCEntryLengthOption</code> . . 20452, 20454,	<code>\dfn@fnmaxdp</code> . . . . .	8879, 8882, 8885,
20613, 20864,	8706, 8711, 8716,	8889, 8891, 8895, 8897
20880, 20892,	8727, 8732, 8737,	<code>\diagbox@ht</code> . . . . 8926,
20894, 20910, 20912	8759, 8762, 8816, 8819	8929, 8934, 8937
<code>\DefineTOCEntryListOption</code> . . . . . 20870	<code>\dfn@footnoterule</code> . . . . . . 8800, 8852	<code>\diagbox@insepl</code> . . .
<code>\DefineTOCEntryOption</code> . . . . . 20896	<code>\dfn@footnotetext</code> . 8701	8859, 8866, 8868,
<code>\DefNewDummy</code> . . 4274, 4291	<code>\dfn@gobble</code> . . . 8703, 8724	8879, 8882, 8889,
<code>\delimiter</code> . . . . . 12207	<code>\dfn@ins</code> . . 8711, 8712,	8891, 8901, 8911, 8913
<code>\DEPTH</code> . . . . . 19946, 19953	8713, 8715, 8732,	<code>\diagbox@insepr</code> . . .
<code>\depth</code> . . . . . 12635,	8733, 8734, 8736,	8862, 8873, 8875,
15200, 15207, 15232	8750, 8751, 8807, 8808	8885, 8895, 8897,
<code>\depthof</code> . . 9049, 9054,	<code>\dfn@latex@footnotetext</code> . . . . . 8700	8904, 8907, 8918, 8920
9063, 9064, 9068, 9073	<code>\dfn@latex@LTRfootnotetext</code> . . . . . 8706, 8721	<code>\diagbox@setlinecolor</code> . . . . 8925, 8928,
<code>\descriptionlabel</code> . 6468	<code>\dfn@latex@makecol</code> . . . . . 8799, 8851	8933, 8936, 8941,
<code>\DetectColumn</code> 22132, 22136	<code>\dfn@latex@RTLfootnotetext</code> . . . . . 8727, 8742	8945, 8950, 8954,
<code>\detokenize</code> . . . . 3391,	<code>\dfn@list</code> . 8720, 8741,	8959, 8963, 8968, 8972
3393, 3830, 3832,	8748, 8781, 8783,	<code>\diagbox@triple@pict@NE</code> . . . . . 8949
3833, 3860, 3875,	8786, 8792, 8805,	<code>\diagbox@triple@pict@NW</code> . . . . . 8940
3892, 3895, 3903,	8833, 8835, 8838, 8844	<code>\diagbox@triple@pict@SE</code> . . . . . 8967
3905, 3973, 3974, 4851	<code>\dfn@LTRfootnotetext</code> . . . . . 8702, 8722	<code>\diagbox@triple@pict@SW</code> . . . . . 8958
<code>\dfn@afteroutput</code> 8793,	<code>\dfn@LTRmakecol</code> . . .	<code>\diagbox@triple@setbox@NE</code> . . . . . 8923
8796, 8845, 8848	. . . 8801, 8853, 8855	<code>\diagbox@triple@setbox@NW</code> . . . . . 8878,
<code>\dfn@boxa</code> . 8702, 8707,	<code>\dfn@makecol</code> . . . . .	
8710, 8714, 8715,	. . . 8853, 8854, 8855	
8716, 8723, 8728,	<code>\dfn@makefnmark</code> 8705, 8726	
8731, 8735, 8736,		
8737, 8750, 8757,		
8760, 8762, 8769,		



8881, 8884, 8899	12309, 12310, 12311	5958, 5963, 5986,
\diagbox@triple@setbox@SE	\dimexpr . 28, 232, 731,	5995, 8030, 11486,
8900,	965, 1211, 3342,	13967, 20734, 21131
8903, 8906, 8923	3345, 3626, 3630,	\do@hvFloat . . . . 12795
\diagbox@triple@setbox@SW	3640, 3649, 7225,	\document . . . . 4015, 4031
8899	7378, 8194, 8256,	\documentclass . 4818,
\diagbox@wd . . . . 8926,	8257, 8259, 8285,	4821, 12541, 12551
8929, 8934, 8937	8294, 8318, 8348,	\doloopbody 4460, 4461,
\DigitsDotDashInterCharToks	13771, 14624,	4505, 4578, 4585,
2281, 2282	14633, 15598,	4592, 4595, 4597,
\dim . . . . 14874, 14875,	15807, 16747,	4601, 4603, 4605, 4609
15198, 15199, 15200	17170, 17730,	\donotcoloroutermaths
\dimen 2103, 2388, 9837,	17776, 17783,	. . . 1950, 1951, 1952
9901, 9921, 9922,	17786, 17812,	\doubleitemmaincolumnwidth
9923, 9931, 10040,	17813, 17814,	2959, 2972, 2973,
10143, 10252,	17815, 17817,	2974, 2975, 2999, 3001
10361, 10470,	18383, 18430,	\doublerulesepcolor 1469
10579, 10688,	18437, 18440,	\downto . . . 4458,
10797, 10956,	18466, 18467,	4470, 4552, 4591
10962, 11014,	18468, 18469,	\dp . . . . . 40, 54, 70,
11020, 12388,	18471, 19068,	243, 257, 272, 389,
15695, 15702,	19115, 19122,	1462, 1564, 2128,
15703, 15711,	19125, 19151,	2405, 7861, 7862,
15712, 15717,	19152, 19153,	8194, 8237, 8239,
15718, 15731,	19154, 19156,	8242, 8244, 8305,
15732, 15739,	20599, 20812,	8306, 8321, 8323,
15740, 22452, 22455	20820, 20829,	8707, 8728, 8755,
\dimen@ . . . 7860, 7861,	20831, 21988,	8774, 8776, 8812,
11241, 11243,	21990, 21991,	8828, 8830, 9048,
12246, 12247,	21992, 21997,	9053, 9066, 9072,
12248, 12258,	21999, 22000,	9186, 9191, 9195,
12259, 12260,	22001, 22006,	9198, 9842, 10910,
12263, 12264,	22008, 22009,	11241, 11249,
12265, 12271,	22010, 22015,	11497, 11510,
12281, 12283,	22017, 22018, 22019	11979, 11996,
12292, 12294,	\DiscardVskip . . . 13863	12012, 12501,
12301, 12302,	\display@setup 7718, 7743	12506, 12606,
12303, 12304,	\displayindent . . . 7759	12647, 12648,
14530, 14531,	\displaystyle 11612, 11628	12651, 12693,
14532, 15812,	\displaywidth . . . .	12694, 12697,
15813, 15818,	7759, 9045, 9047,	13911, 14462,
15819, 15822,	9052, 11631, 13827	14632, 14635,
15823, 16457,	\divide 4600, 6810, 9922,	15695, 15711,
16462, 19736,	10998, 10999,	15712, 15717,
19738, 19744,	11060, 11061,	15718, 15731,
19750, 21601,	11498, 11499,	15732, 15739,
21602, 21603,	12634, 12635,	15740, 16281,
21604, 21605,	15893, 15897,	16282, 16283,
21606, 21665, 21666	16301, 16302, 19818	16457, 16501,
\dimen@i . . . . 19737,	\do . . 319, 320, 321, 322,	17571, 17613,
19738, 19743, 19749	323, 324, 2770,	17616, 17670,
\dimen@ii . . . . 12296,	4835, 4895, 4910,	17677, 18181,
12297, 12298,	4931, 4934, 5920,	18183, 18856,
12304, 12306,	5925, 5939, 5944,	18858, 19533,



19535,	19785,	11753,	11754,	16420,	16424,
19820,	19832,	11839,	11860,	16428,	16432,
19946,	19948,	12144,	12150,	16495,	16680,
21657,	21666,	12278,	13267,	17130,	19778,
21667,	22074,	13274,	13305,	19779,	19804,
22424,	22431, 22518	13312,	13345,	19810,	21327,
\dquad . . . . .	7751, 7753	13376,	13407,	21779,	21785,
\draw . . . . .	21481,	13817,	13969,	21789,	21795,
21488,	21492,	13971,	13977,	21799,	21804,
21515,	21525,	13979,	14516,	21808,	21813,
21533,	21536,	14519,	16009,	21879,	21887,
21539,	21542,	16153,	16172,	21888,	22066, 22067
21554,	21559,	16175,	16201,	\eightcolumnfootnotes	
21566,	21572, 21573	16631,	17567,	. . . . .	10573
\dseries@display@setup		17610,	17803,	\eject	12249, 12318, 12338
. . . . .	7743	18083,	18138,	\else . . . . .	4, 12,
		18147,	18457,	13, 25, 36, 87, 104,	
		18758,	18813,	116, 134, 136, 151,	
		18822,	19142,	155, 159, 167, 175,	
		19435,	19490,	182, 191, 199, 207,	
		19499,	19788,	208, 224, 239, 290,	
		19813,	19827,	305, 309, 340, 353,	
		19845,	19900,	354, 355, 357, 358,	
		19907,	19920,	361, 362, 363, 365,	
		20384,	20733,	366, 367, 368, 369,	
		20755,	20917,	372, 373, 374, 398,	
		20950,	20957,	404, 450, 461, 464,	
		20962,	21049,	513, 530, 533, 534,	
		21200,	21223,	554, 557, 572, 593,	
		21327,	21440,	604, 609, 620, 624,	
		21677,	21682,	632, 636, 637, 641,	
		21691,	21706,	645, 648, 649, 654,	
		21710,	21720,	665, 676, 690, 693,	
		21725,	21734,	694, 697, 707, 754,	
		21740,	21753,	763, 771, 795, 799,	
		21757,	21974,	801, 812, 815, 858,	
		22077,	22141, 22155	869, 872, 875, 876,	
		\EdefEscapeName . .	13598	882, 892, 895, 896,	
		\egroup .	179, 185, 382,	899, 909, 920, 931,	
		406,	641, 1200,	939, 943, 952, 970,	
		1367,	1368, 1485,	1006, 1015, 1023,	
		1561,	1612, 1624,	1047, 1051, 1053,	
		1626,	1837, 1859,	1064, 1067, 1110,	
		1882,	2695, 2696,	1121, 1125, 1128,	
		2821,	6899, 7103,	1131, 1132, 1137,	
		7762,	7843, 9888,	1148, 1159, 1174,	
		11617,	11618,	1177, 1178, 1181,	
		11632,	12106,	1191, 1195, 1196,	
		12318,	12322,	1200, 1220, 1256,	
		14542,	14545,	1265, 1273, 1297,	
		15606,	16244,	1301, 1303, 1314,	
		16254,	16269,	1317, 1354, 1359,	
		16400,	16406,	1360, 1373, 1378,	
		16410,	16416,	1379, 1380, 1382,	

	E
\edef . . . . .	123, 359,
1384,	1438, 1446,
1758,	1759, 1784,
1785,	1810, 1811,
1998,	2026, 2325,
2353,	2657, 2672,
2700,	2703, 2706,
3107,	3145, 3148,
3161,	3165, 3172,
3185,	3189, 3196,
3389,	3392, 3442,
3470,	3496, 3524,
3550,	3587, 3713,
3714,	3717, 3718,
3735,	3736, 3739,
3740,	3829, 3834,
3844,	3859, 3862,
3875,	3879, 3884,
3891,	3894, 3901,
3904,	3910, 3913,
3966,	3972, 3975,
4137,	4178, 4188,
4266,	4275, 4337,
4392,	4395, 4422,
4425,	4429, 4513,
4518,	4519, 4541,
4546,	4558, 4563,
4656,	4664, 4674,
4806,	4849, 4893,
4915,	4929, 4957,
5049,	5061, 5068,
5085,	5889, 6034,
6045,	6982, 6985,
6988,	9098, 9101,
11639,	11645,
11750,	11752,

\EdefEscapeName . .	13598
\egroup .	179, 185, 382,
406,	641, 1200,
1367,	1368, 1485,
1561,	1612, 1624,
1626,	1837, 1859,
1882,	2695, 2696,
2821,	6899, 7103,
7762,	7843, 9888,
11617,	11618,
11632,	12106,
12318,	12322,
14542,	14545,
15606,	16244,
16254,	16269,
16400,	16406,
16410,	16416,

\eightcolumnfootnotes	
. . . . .	10573
\eject	12249, 12318, 12338
\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, 1512,  
1530, 1537, 1563,  
1564, 1574, 1580,  
1613, 1628, 1649,  
1700, 1767, 1793,  
1819, 1852, 1893,  
1920, 1939, 2032,  
2038, 2044, 2088,  
2090, 2099, 2110,  
2113, 2116, 2291,  
2294, 2359, 2373,  
2375, 2384, 2394,  
2641, 2647, 2653,  
2668, 2751, 2759,  
2764, 2774, 3013,  
3014, 3015, 3017,  
3053, 3120, 3126,  
3147, 3150, 3169,  
3177, 3193, 3201,  
3217, 3287, 3295,  
3301, 3307, 3313,  
3319, 3325, 3331,  
3337, 3350, 3358,  
3362, 3368, 3376,  
3380, 3402, 3409,  
3455, 3480, 3509,  
3534, 3566, 3600,  
3629, 3664, 3868,  
4199, 4212, 4213,  
4226, 4227, 4229,  
4231, 4239, 4241,  
4263, 4277, 4330,  
4334, 4340, 4346,  
4386, 4555, 4564,  
4615, 4639, 4654,  
4719, 4731, 4763,  
4774, 4812, 4824,  
4825, 4842, 4851,  
4896, 4911, 4914,  
4941, 4942, 4956,  
5237, 5243, 5438,  
5441, 5444, 5447,  
5477, 5705, 5711,  
5743, 5749, 5755,  
5793, 5799, 5978,  
6375, 6376, 6664,

6749, 6802, 6815,  
6824, 6914, 6935,  
6960, 7033, 7053,  
7054, 7069, 7074,  
7078, 7120, 7131,  
7135, 7138, 7141,  
7142, 7147, 7158,  
7167, 7181, 7184,  
7185, 7189, 7201,  
7257, 7266, 7274,  
7297, 7308, 7312,  
7315, 7318, 7319,  
7324, 7335, 7344,  
7358, 7361, 7362,  
7366, 7389, 7434,  
7443, 7451, 7473,  
7484, 7486, 7507,  
7518, 7559, 7570,  
7573, 7622, 7637,  
7640, 7641, 7668,  
7682, 7691, 7698,  
7721, 7751, 7777,  
7802, 7809, 7858,  
7863, 7901, 7902,  
7908, 7926, 7949,  
7972, 7995, 8020,  
8021, 8023, 8035,  
8040, 8042, 8044,  
8064, 8069, 8087,  
8103, 8127, 8132,  
8146, 8162, 8181,  
8197, 8218, 8258,  
8269, 8283, 8286,  
8292, 8324, 8332,  
8335, 8338, 8354,  
8357, 8360, 8385,  
8414, 8448, 8452,  
8467, 8475, 8567,  
8649, 8663, 8708,  
8712, 8714, 8729,  
8733, 8735, 8744,  
8749, 8758, 8769,  
8773, 8781, 8801,  
8806, 8815, 8823,  
8827, 8833, 8853,  
8867, 8874, 8890,  
8896, 8912, 8919,  
8981, 8991, 8994,  
8997, 9017, 9020,  
9023, 9027, 9051,  
9133, 9148, 9163,  
9164, 9165, 9166,  
9193, 9209, 9212,  
9213, 9223, 9234,

9237, 9250, 9260,  
9318, 9329, 9332,  
9415, 9426, 9429,  
9477, 9500, 9515,  
9524, 9531, 9552,  
9553, 9555, 9560,  
9566, 9568, 9572,  
9650, 9691, 9762,  
9765, 9774, 9777,  
9786, 9789, 9810,  
9814, 9818, 9824,  
9849, 9857, 9865,  
9878, 9943, 9988,  
10052, 10094,  
10155, 10200,  
10264, 10309,  
10373, 10417,  
10482, 10526,  
10591, 10636,  
10700, 10745,  
10809, 10854,  
10988, 10992,  
11009, 11030,  
11050, 11054,  
11071, 11126,  
11135, 11238,  
11279, 11293,  
11313, 11328,  
11331, 11332,  
11339, 11351,  
11368, 11418,  
11429, 11432,  
11491, 11541,  
11546, 11577,  
11582, 11607,  
11620, 11637,  
11664, 11668,  
11689, 11795,  
11799, 11825,  
11849, 11931,  
11934, 11974,  
12025, 12063,  
12064, 12080,  
12098, 12172,  
12175, 12184,  
12187, 12196,  
12199, 12209,  
12227, 12229,  
12245, 12250,  
12270, 12299,  
12305, 12321,  
12328, 12333,  
12346, 12376,  
12410, 12415,



12459,	12464,	13048,	13054,	14328,	14331,
12498,	12499,	13057,	13060,	14334,	14337,
12504,	12521,	13066,	13081,	14340,	14343,
12522,	12524,	13091,	13100,	14346,	14349,
12532,	12533,	13111,	13131,	14352,	14355,
12543,	12562,	13142,	13153,	14358,	14361,
12566,	12568,	13171,	13182,	14364,	14367,
12577,	12579,	13193,	13204,	14370,	14373,
12587,	12602,	13219,	13234,	14376,	14379,
12626,	12628,	13294,	13332,	14382,	14385,
12631,	12632,	13365,	13396,	14388,	14391,
12633,	12639,	13427,	13480,	14394,	14397,
12641,	12649,	13492,	13495,	14400,	14403,
12655,	12658,	13512,	13521,	14406,	14409,
12661,	12668,	13531,	13546,	14412,	14415,
12675,	12677,	13554,	13563,	14418,	14421,
12683,	12687,	13577,	13592,	14429,	14430,
12690,	12695,	13606,	13618,	14431,	14432,
12701,	12704,	13744,	13762,	14455,	14484,
12717,	12720,	13782,	13785,	14494,	14527,
12723,	12729,	13793,	13794,	14542,	14544,
12736,	12746,	13810,	13832,	14555,	14565,
12759,	12768,	13833,	13835,	14572,	14642,
12776,	12783,	13840,	13864,	15263,	15266,
12786,	12789,	13865,	13866,	15277,	15278,
12808,	12811,	13867,	13876,	15279,	15280,
12817,	12818,	13881,	13894,	15281,	15282,
12821,	12828,	13919,	13928,	15311,	15327,
12830,	12836,	13963,	13970,	15333,	15339,
12847,	12855,	13978,	13998,	15364,	15374,
12857,	12858,	14008,	14016,	15396,	15414,
12859,	12862,	14046,	14057,	15430,	15443,
12867,	12873,	14075,	14085,	15456,	15460,
12875,	12876,	14091,	14128,	15514,	15530,
12877,	12880,	14207,	14210,	15543,	15556,
12890,	12892,	14213,	14216,	15560,	15616,
12905,	12911,	14219,	14222,	15624,	15630,
12914,	12918,	14225,	14228,	15639,	15641,
12924,	12927,	14231,	14235,	15645,	15646,
12930,	12936,	14238,	14241,	15651,	15653,
12941,	12944,	14244,	14247,	15658,	15663,
12948,	12950,	14250,	14253,	15665,	15670,
12953,	12957,	14256,	14259,	15680,	15693,
12959,	12961,	14262,	14265,	15755,	15778,
12965,	12970,	14268,	14271,	15783,	15788,
12974,	12981,	14274,	14277,	15833,	15835,
12986,	12990,	14280,	14283,	15851,	15858,
12997,	13002,	14286,	14289,	15894,	15898,
13006,	13010,	14292,	14295,	15902,	15981,
13012,	13015,	14298,	14301,	15986,	16019,
13019,	13021,	14304,	14307,	16025,	16033,
13023,	13027,	14310,	14313,	16036,	16060,
13031,	13035,	14316,	14319,	16080,	16095,
13041,	13044,	14322,	14325,	16143,	16174,



16198,	16256,	17413,	17424,	18597,	18604,
16264,	16298,	17427,	17476,	18620,	18621,
16324,	16362,	17491,	17494,	18625,	18626,
16363,	16364,	17495,	17522,	18632,	18634,
16390,	16444,	17534,	17543,	18635,	18639,
16445,	16448,	17575,	17620,	18640,	18647,
16452,	16453,	17654,	17656,	18649,	18650,
16456,	16458,	17660,	17664,	18654,	18655,
16464,	16482,	17666,	17671,	18662,	18699,
16483,	16488,	17675,	17678,	18704,	18726,
16496,	16505,	17682,	17684,	18734,	18735,
16515,	16521,	17688,	17715,	18748,	18763,
16524,	16531,	17723,	17735,	18779,	18789,
16533,	16539,	17748,	17751,	18796,	18797,
16550,	16552,	17761,	17777,	18798,	18800,
16563,	16565,	17784,	17790,	18834,	18837,
16576,	16578,	17828,	17843,	18863,	18869,
16587,	16589,	17847,	17850,	18879,	18890,
16608,	16628,	17857,	17864,	18908,	18938,
16642,	16643,	17870,	17891,	19053,	19061,
16648,	16659,	17907,	17908,	19073,	19086,
16663,	16671,	17915,	17924,	19090,	19100,
16675,	16676,	17931,	17933,	19116,	19123,
16680,	16684,	17937,	17943,	19129,	19167,
16687,	16688,	17950,	17966,	19182,	19186,
16693,	16704,	17967,	17971,	19189,	19196,
16713,	16727,	17972,	17978,	19203,	19209,
16730,	16731,	17980,	17981,	19230,	19246,
16735,	16752,	17985,	17986,	19247,	19254,
16799,	16808,	17993,	17995,	19263,	19270,
16816,	16840,	17996,	18000,	19272,	19276,
16844,	16846,	18001,	18008,	19282,	19289,
16857,	16860,	18045,	18046,	19305,	19306,
16903,	16914,	18059,	18061,	19310,	19311,
16938,	16947,	18073,	18088,	19317,	19319,
16955,	16981,	18104,	18114,	19320,	19324,
16985,	16987,	18121,	18122,	19325,	19332,
16998,	17001,	18123,	18125,	19334,	19335,
17042,	17047,	18159,	18162,	19339,	19340,
17048,	17056,	18188,	18194,	19347,	19384,
17059,	17060,	18205,	18216,	19411,	19412,
17065,	17076,	18234,	18264,	19425,	19440,
17085,	17099,	18368,	18376,	19456,	19466,
17102,	17103,	18388,	18401,	19473,	19474,
17107,	17113,	18405,	18415,	19475,	19477,
17121,	17125,	18431,	18438,	19511,	19514,
17126,	17130,	18444,	18482,	19540,	19546,
17146,	17175,	18497,	18501,	19556,	19567,
17226,	17242,	18504,	18511,	19585,	19615,
17245,	17291,	18518,	18524,	19707,	19710,
17306,	17309,	18545,	18561,	19746,	19763,
17310,	17315,	18562,	18569,	19796,	19809,
17316,	17340,	18578,	18585,	19817,	19830,
17362,	17373,	18587,	18591,	19835,	19914,



19915,	19916,	21254,	21269,	22092,	22093,
19918,	19919,	21279,	21283,	22094,	22095,
19922,	19923,	21293,	21294,	22096,	22097,
19924,	19925,	21295,	21296,	22098,	22099,
19926,	19927,	21301,	21303,	22102,	22103,
19928,	19930,	21304,	21312,	22107,	22109,
19931,	19932,	21318,	21335,	22114,	22143,
19933,	19934,	21345,	21351,	22152,	22162,
19937,	19938,	21357,	21360,	22182,	22187,
19939,	20002,	21371,	21409,	22229,	22234,
20019,	20026,	21411,	21416,	22259,	22266,
20028,	20033,	21425,	21430,	22282,	22293,
20038,	20039,	21432,	21439,	22304,	22319,
20042,	20047,	21446,	21477,	22325,	22363,
20051,	20052,	21484,	21489,	22369,	22407,
20067,	20091,	21495,	21506,	22409,	22419,
20095,	20105,	21509,	21520,	22435,	22437,
20111,	20117,	21527,	21541,	22440,	22444,
20122,	20128,	21591,	21598,	22453,	22482,
20138,	20150,	21599,	21601,	22485,	22488,
20158,	20163,	21609,	21617,	22494,	22515,
20164,	20165,	21619,	21620,	22531,	22551,
20173,	20180,	21631,	21635,	22558,	22559,
20194,	20195,	21640,	21649,	22675,	22683, 22689
20196,	20204,	21655,	21663,	\em . . . . .	6468
20213,	20217,	21667,	21676,	\email . . . . .	322, 2949
20218,	20219,	21695,	21700,	\emaillink 3031, 8582, 8680	
20227,	20234,	21719,	21744,	\emailsymbol . . . . .	
20235,	20236,	21749,	21769,	. . . 2909, 8582, 8680	
20244,	20251,	21815,	21816,	\empty . . . . .	12159,
20252,	20253,	21843,	21844,	12162, 12808, 19716	
20261,	20268,	21847,	21851,	\EmptyTokenList . . .	4381
20269,	20270,	21852,	21911,	\end . . . .	179, 186, 429,
20278,	20285,	21930,	21933,	432, 435, 500, 503,	
20286,	20287,	21938,	21941,	766, 774, 777, 847,	
20295,	20302,	21944,	21947,	850, 1018, 1026,	
20303,	20304,	21950,	21964,	1029, 1099, 1102,	
20312,	20320,	21972,	21977,	1268, 1276, 1279,	
20321,	20322,	21978,	21979,	1350, 1353, 1358,	
20330,	20339,	21989,	21990,	1359, 1360, 1573,	
20340,	20341,	21992,	21998,	1602, 1634, 2441,	
20349,	20359,	21999,	22001,	2590, 2601, 2602,	
20360,	20361,	22007,	22008,	2997, 2999, 3001,	
20369,	20379,	22010,	22016,	3003, 3005, 3009,	
20394,	20395,	22017,	22019,	3017, 3020, 3070,	
20396,	20404,	22027,	22028,	3161, 3169, 3171,	
20426,	20444,	22029,	22030,	3172, 3178, 3185,	
20445,	20446,	22033,	22036,	3193, 3195, 3196,	
20584,	20696,	22039,	22042,	3202, 4086, 4087,	
20716,	20726,	22043,	22044,	4108, 4132, 5277,	
20732,	20736,	22045,	22047,	5278, 5283, 5286,	
20784,	20788,	22049,	22050,	5363, 5364, 5371,	
20902,	21213,	22054,	22056,	5372, 5379, 5380,	
21227,	21231,	22070,	22087,	5400, 5401, 5439,	



5442, 5445, 5448,	21523, 21526,	4103, 4105, 4116,
5455, 5456, 5639,	21545, 21562,	4126, 4135, 4136,
5640, 6259, 6315,	21569, 21575, 21577	4137, 4138, 4148,
6322, 6329, 6336,	\end@dblfloat .... 17650	4161, 4185, 4190,
6343, 6354, 6362,	\end@float .....	4194, 4210, 4228,
6489, 6490, 6626,	... 5303, 5632, 17601	4230, 4238, 4240,
6669, 6691, 7075,	\end@rotdblfloat . 17605	4249, 4250, 4330,
7269, 7277, 7280,	\end@rotfloat .....	4334, 4367, 4369,
7446, 7454, 7457,	. 17562, 17603, 17604	4380, 4381, 4395,
7486, 7498, 7538,	\endarray ..... 382,	4403, 4405, 4432,
7541, 7544, 7609,	406, 1367, 1368,	4453, 4490, 4491,
7612, 7925, 7935,	19804, 19808, 21879	4492, 4508, 4509,
7948, 7958, 7971,	\endBCmd ..... 2592	4510, 4511, 4613,
7981, 7994, 8004,	\endbidi@switch ...	4616, 4621, 4637,
8561, 8670, 8682,	... 4287, 4291, 4292	4640, 4642, 4652,
8690, 9095, 9169,	\endbidi@tabular@RTLcases	4655, 4657, 4664,
9299, 9302, 9305,	. 21879, 21887, 21894	4668, 4669, 4674,
9364, 9367, 9394,	\endcsname . 8, 44, 58,	4683, 4684, 4700,
9397, 9400, 9465,	74, 166, 168, 203,	4703, 4717, 4729,
9468, 9557, 11399,	247, 261, 276, 333,	4761, 4772, 4857,
11402, 11405,	334, 383, 1369,	4859, 4897, 4899,
11464, 11467,	1658, 1675, 1692,	4905, 4948, 5088,
11619, 12865,	1707, 1722, 1737,	5109, 5460, 5461,
12883, 12985,	1770, 1796, 1822,	5468, 5469, 6061,
13001, 13092,	1925, 1927, 1944,	6079, 6097, 6128,
13837, 15398,	1946, 1948, 2658,	6157, 6186, 6428,
16114, 16811,	2659, 2673, 2674,	6954, 6982, 6985,
16819, 16822,	2700, 2703, 2706,	6988, 7002, 7009,
16892, 16895,	2722, 2730, 2738,	7016, 7024, 7025,
16950, 16958,	2793, 3080, 3083,	7063, 7088, 7089,
16961, 17038,	3086, 3088, 3091,	7871, 7877, 7885,
17041, 17046,	3093, 3096, 3104,	7892, 9657, 9671,
17047, 17048,	3105, 3110, 3118,	9685, 9697, 9708,
17205, 17208,	3119, 3121, 3123,	9719, 9948, 9958,
17211, 17283,	3125, 3128, 3129,	9968, 9994, 10007,
17392, 17395,	3134, 3135, 3164,	10019, 10057,
17398, 17463,	3165, 3188, 3189,	10066, 10075,
17466, 17563,	3216, 3244, 3248,	10100, 10112,
17606, 17792,	3258, 3266, 3274,	10123, 10160,
17860, 17877,	3282, 3284, 3286,	10170, 10180,
17885, 17900,	3290, 3291, 3348,	10206, 10219,
17904, 17932,	3354, 3355, 3397,	10231, 10269,
18069, 18446,	3407, 3413, 3414,	10279, 10289,
18514, 18531,	3416, 3417, 3419,	10315, 10328,
18539, 18554,	3420, 3422, 3624,	10340, 10378,
18558, 18586,	3625, 3627, 3628,	10388, 10398,
18744, 19131,	3631, 3632, 3641,	10424, 10437,
19199, 19216,	3642, 3676, 3677,	10449, 10487,
19224, 19239,	3699, 3700, 3755,	10497, 10507,
19243, 19271,	3756, 3757, 3758,	10533, 10546,
19421, 19869,	3764, 3765, 3766,	10558, 10596,
20065, 21481,	3767, 3850, 3851,	10606, 10616,
21488, 21498,	3854, 3855, 4088,	10642, 10655,
21503, 21516,	4089, 4091, 4102,	10667, 10705,



10715,	10725,	19622,	19625,	22068,	22129,
10751,	10764,	19631,	19780,	22142,	22144, 22613
10776,	10814,	19806,	19808,	\enddocument . . . 4041,	
10824,	10834,	19840,	19862,	4047,	4054, 4071
10860,	10873,	19864,	19880,	\endflushleft . 2612, 2620	
10885,	11080,	19881,	19901,	\endgraf 14487, 14503,	
11092,	11104,	19908,	20121,	18213,	18887, 19564
11141,	11155,	20384,	20385,	\endgroup . . . 17, 127,	
11169,	11486,	20401,	20402,	212,	310, 317, 380,
11639,	11641,	20403,	20410,	396,	470, 522, 536,
11645,	11647,	20412,	20413,	674,	696, 821, 898,
11751,	11752,	20466,	20467,	918,	1073, 1157,
11753,	11754,	20625,	20626,	1180,	1323, 1492,
11756,	11758,	20730,	20755,	1772,	1798, 1824,
11759,	11760,	20782,	20786,	2486,	2724, 2732,
11761,	11763,	20790,	20847,	2740,	3116, 3155,
11764,	11765,	20900,	20903,	3174,	3198, 3406,
11822,	11846,	20917,	20933,	3425,	3780, 3799,
11864,	11950,	20934,	20950,	3844,	3866, 3876,
11959,	11982,	20957,	20962,	3893,	3943, 4016,
11999,	12015,	20980,	20981,	4152,	4358, 4360,
12043,	12057,	20993,	20994,	4396,	4401, 4410,
12071,	12118,	21049,	21104,	4568,	4612, 4636,
12133,	13099,	21106,	21108,	4651,	4722, 4734,
13102,	13104,	21124,	21127,	4746,	4766, 4777,
13108,	13112,	21133,	21135,	4788,	4952, 5051,
13126,	13137,	21138,	21142,	5061,	5101, 5470,
13148,	13348,	21147,	21151,	5897,	5899, 6130,
13379,	13410,	21155,	21169,	6159,	6188, 6565,
13789,	13892,	21173,	21176,	6582,	6598, 6609,
13895,	14325,	21180,	21185,	6649,	6968, 7004,
14391,	15383,	21189,	21194,	7011,	7018, 7076,
15384,	15391,	21196,	21197,	7165,	7188, 7342,
16005,	16015,	21200,	21204,	7365,	7579, 7629,
16029,	17698,	21238,	21239,	7644,	7850, 8110,
17702,	17706,	21241,	21243,	8169,	9007, 9037,
17789,	18013,	21248,	21250,	9215,	9228, 9338,
18248,	18250,	21252,	21256,	9435,	9484, 11001,
18252,	18255,	21259,	21260,	11063,	11320,
18261,	18269,	21263,	21264,	11335,	11438,
18271,	18273,	21273,	21275,	11562,	11602,
18279,	18351,	21277,	21281,	11686,	11707,
18355,	18359,	21285,	21286,	11952,	11961,
18443,	18667,	21339,	21341,	12120,	12135,
18922,	18924,	21343,	21347,	12221,	12262,
18926,	18929,	21367,	21368,	12293,	12438,
18935,	18943,	21376,	21380,	12491,	12669,
18945,	18948,	21384,	21388,	12684,	13090,
18954,	19036,	21392,	21396,	13128,	13139,
19040,	19044,	21400,	21404,	13150,	13161,
19128,	19352,	21442,	21443,	13262,	13287,
19599,	19601,	21445,	21448,	13325,	13358,
19603,	19606,	21449,	21453,	13389,	13420,
19612,	19620,	21917,	21982,	13649,	13660,



13798,	13821,	7715, 9274, 9548,	22453, 22455,
13897,	13921,	11382, 13753,	22515, 22531,
14104,	14473,	16000, 16766,	22550, 22553, 22561
15274,	15392,	17160, 17357,	\endrotate ..... 17665
15492,	15589,	17560, 18112,	\endRTL 16437, 21828, 21836
15796,	15800,	18787, 19464, 20084	\ends@math ..... 7748
15804,	16192,	\endlooprepeat ....	\endsideways ..... 17683
16242,	16247,	... 4495, 4524, 4531	\endsidewaysfigure 17603
16249,	16252,	\endLTR 16435, 21818, 21826	\endsidewaystable 17604
16257,	16494,	\endMakeFramed ... 12235	\endstabular 19778, 19780
16525,	16711,	\endmath ..... 7748	\endstrip ..... 15605
16734,	16866,	\endmdf@lrbbox .... 14627	\endtabular . 382, 383,
17007,	17083,	\endminipage .....	1368, 1369, 2695,
17106,	17251,	. 9873, 12095, 19962	19804, 19806,
17298,	17313,	\endmodernpoem .... 7089	19890, 22066, 22068
17433,	17483,	\endmulticols .... 15867	\endtabularx .....
17498,	17804,	\endpgfpicture ... 16210	. 19841, 19870, 19881
18010,	18070,	\endpspicture .... 16489	\endtcbl@lrbbox 19962, 19963
18165,	18458,	\endR ..... 181,	\endtcbl@savebox .. 19963
18664,	18745,	336, 348, 382, 406,	\endtcbl@vbox ..... 19973
18840,	19143,	1367, 1368, 1485,	\endtitlepage .. 631,
19349,	19422,	2695, 2696, 7756,	938, 1190, 7197,
19517,	19883,	7843, 7859, 7864,	7385, 16670, 17120
20007,	20186,	7866, 7898, 8978,	\endtraditionalpoem 7025
20606,	20720,	9914, 9918, 11637,	\endtrivlist ..... 11633
21221,	21349,	12628, 12633,	\endturn ..... 17655
21659,	21692,	12690, 12729,	\endwindow ..... 16267
21735,	21754,	12736, 13105,	\enskip .... 21334, 21359
21877,	22212,	13113, 13495,	\enspace 308, 16261, 16263
22255, 22461, 22471		13531, 13563,	\ensuremath ..... 2028
\endL ..... 183, 1496,		13592, 13618,	\env@RTLcases 21892, 21896
2133, 2410, 3042,		13628, 13631,	\EQ ..... 9042, 9048,
7854, 7863, 7864,		13828, 14071,	9049, 9053, 9054,
7873, 7879, 7898,		14481, 14542,	9063, 9064, 9066,
11505, 11618,		14545, 14581,	9068, 9069, 9071,
11632, 11794,		14672, 14680,	9072, 9073, 9074,
12631, 12639,		14871, 15197,	9076, 9077, 9078,
12658, 12668,		15361, 15363,	9090, 9093, 9095,
12683, 12704,		16265, 16397,	9097, 9098, 9100,
13492, 14071,		16405, 16484,	9103, 9105, 9107,
16256, 16396,		16485, 16486,	9108, 9110, 9111,
16415, 16524,		17656, 17666,	9113, 9116, 9117,
17660, 17671,		17675, 17684,	9118, 9121, 9124,
17678, 17688,		18178, 18853,	9132, 9139, 9147,
19958, 21667,		19530, 19778,	9154, 9156, 9159,
21668, 21707,		19779, 19804,	9163, 9164, 9165,
21711, 21764,		19810, 19957,	9166, 9178, 9180, 9181
21775, 21794,		21664, 21668,	\eq@addpunct ..... 7753
22440, 22515, 22531		21670, 21764,	\EQ@box ..... 7758, 7764
\endlist ..... 96,		21776, 21784,	\eq@group .... 7721, 7730
299, 589, 721,		21887, 22032,	\eq@GRP@first@dmath 7730
952, 984, 1234,		22035, 22038,	\eq@if ... 3239, 3240, 3242
1913, 6453, 6461,		22055, 22066,	\eq@isIntertext ... 7768
6466, 7215, 7403,		22067, 22440,	\eq@prelim ... 7721, 7738



<code>\eq@setnumber</code> . . . . .	7724	7628, 9483, 11319,	3223, 3243, 3244,
<code>\eq@setup@a</code> . . . . .	7726	11513, 16391,	3247, 3248, 3284,
<code>\eq@startup</code> . . . . .	7727	16395, 16603,	3286, 3290, 3294,
<code>\eq@wdCond</code> . . . . .	7745	16710, 17082,	3296, 3300, 3302,
<code>\eqnewif</code> . . . . .	2054,	17297, 17482,	3306, 3308, 3312,
	2055, 2060, 2072, 3235	20179, 20183,	3314, 3318, 3320,
<code>\eqno</code> . . . . .	327, 16480,	20718, 21770,	3324, 3326, 3330,
	16482, 22556, 22558	21774, 21820,	3332, 3336, 3338,
<code>\eqnumform</code> . . . . .	7756	21830, 22357, 22401	3349, 3351, 3355,
<code>\eqstyle</code> . . . . .	7723	<code>\everyvbox</code> . . . . .	1371,
<code>\equal</code> . . . . .	3007,	1372, 16419,	3356, 3357, 3359,
	3024, 3028, 3032,	16421, 16427,	3360, 3363, 3367,
	5291, 5325, 5336,	16429, 21798,	3369, 3374, 3375,
	5368, 5369, 5385,	21800, 21807, 21809	3377, 3378, 3381,
	5426, 5684, 5926,	<code>\ExecuteDoHook</code> 17711,	3390, 3397, 3401,
	5927, 5945, 5946,	17733, 18364,	3403, 3406, 3407,
	5964, 5965, 5996,	18386, 19049, 19071	3408, 3410, 3413,
	5997, 8669, 11742	<code>\ExecuteOptions</code> . . .	3414, 3416, 3417,
<code>\errmessage</code> . . . . .		. . . . . 2858, 5155,	3419, 3420, 3422,
	. . . 2100, 2385, 15693	6536, 6538, 8502, 8600	3426, 3671, 3672,
<code>\ERROR</code> . . . . .	22153	<code>\ExecuteOptionsX</code> . . .	3673, 3674, 3675,
<code>\escapechar</code> 3144, 3236,			3677, 3700, 3704,
	3241, 3425, 4177,	<code>\exhyphenpenalty</code> . .	3755, 3756, 3757,
	4182, 4184, 4186, 4199	. . . . . 623, 930,	3758, 3764, 3765,
<code>\ESO@isMEMOIR</code> . . . . .	8983	1124, 7134, 7311,	3766, 3767, 3850,
<code>\ESO@tempdima</code> . . . . .		16662, 17112, 17174	3851, 3865, 3866,
	8988, 8989, 8990,	<code>\exp</code> . . . . . 14748, 14751,	3867, 3869, 3876,
	8992, 8996, 8998,	14805, 14980, 15034	3877, 3880, 3895,
	8999, 9000, 9005,	<code>\expandafter</code> 166, 359,	3902, 3911, 4088,
	9012, 9016, 9018,	383, 753, 762, 770,	4102, 4116, 4126,
	9022, 9024, 9028, 9035	796, 799, 1005,	4135, 4136, 4137,
<code>\ESO@tempdimb</code> . . . . .		1014, 1022, 1048,	4138, 4153, 4180,
	9003, 9005, 9030,	1051, 1255, 1264,	4181, 4190, 4194,
	9031, 9032, 9033, 9035	1272, 1298, 1301,	4249, 4250, 4262,
<code>\evenpage</code> . 2447, 2450,		1369, 1384, 1466,	4263, 4358, 4360,
	2451, 2452, 2454,	1467, 1468, 1470,	4367, 4369, 4371,
	2455, 2456, 2457, 2459	1838, 1925, 1927,	4373, 4374, 4375,
<code>\evensidemargin</code> 2471,		1944, 1946, 1948,	4395, 4397, 4400,
	9016, 9024, 12777,	2031, 2033, 2037,	4403, 4404, 4405,
	12782, 12790,	2039, 2043, 2045,	4407, 4410, 4415,
	17814, 18468,	2640, 2642, 2646,	4478, 4490, 4492,
	19153, 22481, 22489	2648, 2652, 2654,	4508, 4509, 4510,
<code>\everycr</code> . . . . .	14477	2658, 2659, 2667,	4511, 4549, 4560,
<code>\everydisplay</code> . . . . .	7718	2669, 2673, 2674,	4565, 4579, 4612,
<code>\everyhbox</code> . . . 16399,		2698, 2701, 2704,	4613, 4614, 4617,
	16401, 16409,	2707, 2711, 2714,	4620, 4636, 4637,
	16411, 21778,	2717, 2768, 2769,	4651, 4652, 4664,
	21780, 21788, 21790	2822, 3080, 3083,	4669, 4674, 4684,
<code>\everyjob</code> . . . . .	2026,	3086, 3090, 3104,	4700, 4703, 4729,
	2027, 2353, 2354	3116, 3117, 3122,	4772, 4834, 4843,
<code>\everymath</code> . . . . .	346	3133, 3158, 3160,	4855, 4857, 4858,
<code>\everypar</code> 520, 672, 916,		3164, 3165, 3169,	4898, 4908, 4909,
	1155, 5743, 5787,	3172, 3182, 3184,	4930, 4947, 4958,
	5831, 7164, 7341,	3188, 3189, 3193,	4960, 5087, 5088,
		3196, 3216, 3218,	5887, 6428, 6858,





6983, 6986, 6989,  
6992, 6995, 6998,  
7024, 7025, 7088,  
7089, 7103, 7256,  
7265, 7273, 7433,  
7442, 7450, 7718,  
7828, 7870, 7891,  
8058, 8060, 8121,  
8123, 9889, 11535,  
11537, 11571,  
11573, 11639,  
11640, 11645,  
11646, 11743,  
11760, 11765,  
11824, 11827,  
11848, 11851,  
11864, 11878,  
11879, 11880,  
11881, 11883,  
12107, 12262,  
12284, 12285,  
12293, 12404,  
12406, 12453,  
12455, 12674,  
12712, 12713,  
13130, 13132,  
13141, 13143,  
13152, 13154,  
13257, 13271,  
13285, 13309,  
13323, 13356,  
13387, 13418,  
13649, 13650,  
13657, 13671,  
13892, 13900,  
13905, 14085,  
14086, 14091,  
14092, 14474,  
14517, 14520,  
15373, 15376,  
15408, 15410,  
15508, 15510,  
16154, 16171,  
16183, 16188,  
16393, 16798,  
16807, 16815,  
16841, 16844,  
16937, 16946,  
16954, 16982,  
16985, 17568,  
17580, 17590,  
17611, 17626,  
17638, 17709,  
17789, 17890,

18013, 18145,  
18154, 18247,  
18249, 18251,  
18254, 18260,  
18268, 18270,  
18272, 18278,  
18362, 18443,  
18544, 18667,  
18702, 18717,  
18720, 18724,  
18820, 18829,  
18921, 18923,  
18925, 18928,  
18934, 18942,  
18944, 18947,  
18953, 19047,  
19128, 19229,  
19352, 19398,  
19401, 19497,  
19506, 19598,  
19600, 19602,  
19605, 19611,  
19619, 19621,  
19624, 19630,  
19780, 19806,  
19839, 19842,  
19862, 19865,  
19867, 19869,  
19880, 19881,  
19889, 19893,  
19895, 19902,  
19904, 19909,  
19911, 19920,  
20384, 20385,  
20401, 20402,  
20403, 20410,  
20412, 20413,  
20466, 20625,  
20730, 20755,  
20782, 20786,  
20790, 20846,  
20900, 20903,  
20917, 20933,  
20950, 20957,  
20962, 20979,  
20980, 20992,  
20993, 21049,  
21103, 21105,  
21107, 21123,  
21127, 21132,  
21134, 21137,  
21141, 21146,  
21150, 21154,  
21168, 21173,

21175, 21179,  
21184, 21188,  
21193, 21196,  
21197, 21200,  
21204, 21251,  
21255, 21276,  
21280, 21342,  
21346, 21442,  
21443, 21445,  
21448, 21449,  
21452, 21677,  
21689, 21692,  
21700, 21701,  
21720, 21732,  
21735, 21749,  
21750, 21754,  
21772, 22068,  
22129, 22141,  
22176, 22178,  
22223, 22225, 22613  
\ExplSyntaxOff ... 16138  
\ExplSyntaxOn .... 16117  
\extrafeetendmini .  
..... 9846, 9872  
\extrafeetendminihook  
..... 9870, 9871  
\extrafeetins . 9803, 9804  
\extrafeetinshook .  
..... 9831, 9832  
\extrafeetminihook 9845  
\extrainfo ..... 2950  
\extrarowheight ...  
.. 386, 14448, 14456  
\extrarulesep .... 19833  
\extratitle .....  
. 18034, 18688, 19373  
  
F  
\f@nch@everypar .. 11513  
\f@nch@foot ..... 11521  
\f@nch@head ..... 11515  
\f@nch@reset 11515, 11521  
\f@nch@vbox . 11516, 11522  
\f@size ..... 347  
\FamilyKeyState .. 20898  
\FamilyKeyStateProcessed  
..... 20898  
\familyname ..... 2943  
\familynamecolour .  
... 2912, 8506, 8604  
\familynamefont 2921,  
2929, 8546, 8640  
\familynamestyle 2929,  
8557, 8647, 8668



<code>\FamilySetBool</code> . . . 20897	7897, 12212,	1199, 1200, 1201,
<code>\fancy@oval</code> . . . . 11483	12224, 12226,	1220, 1248, 1258,
<code>\fancyfoot</code> . . . . 3042,	12228, 12230,	1267, 1275, 1299,
5511, 5512, 8572	16522, 21664,	1301, 1316, 1321,
<code>\fancyhead</code> . . . . 5500,	21665, 21666, 21762	1359, 1360, 1362,
5501, 5502, 6727,	<code>\fcolorbox</code> . . . . . 2542	1365, 1367, 1368,
6728, 6739, 6740, 6741	<code>\FeetAboveFloat</code> . . .	1373, 1387, 1388,
<code>\fancyhf</code> . . 2891, 5498,	. . . . . 11300, 11304	1402, 1403, 1417,
5507, 5517, 6725, 6736	<code>\FeetAtBottom</code> . . . . 11302	1425, 1426, 1432,
<code>\fancyhfoffset</code> 5491, 5492	<code>\FeetBelowFloat</code> . . 11301	1433, 1437, 1442,
<code>\fancypagestyle</code> 2888,	<code>\FeetBelowRagged</code> . .	1445, 1450, 1453,
3041, 5506, 5516, 8571	. . . . . 11303, 11305	1461, 1462, 1471,
<code>\FAX</code> . . . . . 2908	<code>\ff@backcol</code> . . . . . 11754	1472, 1484, 1485,
<code>\fax</code> . . . . . 2948	<code>\ff@col</code> . . . . . 11752	1496, 1507, 1514,
<code>\faxsymbol</code> 2908, 8581, 8679	<code>\ff@frametype</code> 11750, 11761	1525, 1532, 1539,
<code>\fb@adjheight</code> . . . .	<code>\ff@txtcol</code> . . . . .	1544, 1546, 1551,
. 12249, 12319, 12339	. 11742, 11743, 11753	1552, 1553, 1554,
<code>\fb@afterframe</code> . . . .	<code>\fi</code> . . . . . 12, 13, 18,	1556, 1558, 1559,
. 12244, 12269, 12327	25, 36, 87, 98, 104,	1560, 1563, 1564,
<code>\FB@captype</code> . . . . .	107, 108, 109, 117,	1577, 1579, 1590,
. 11644, 11645, 11647	134, 136, 142, 150,	1593, 1595, 1627,
<code>\fb@frh</code> . 12256, 12260,	154, 158, 162, 169,	1628, 1649, 1700,
12275, 12310, 12313	177, 184, 193, 207,	1715, 1730, 1774,
<code>\fb@put@frame</code> . 12238,	208, 213, 218, 224,	1800, 1826, 1870,
12249, 12320, 12340	227, 228, 229, 239,	1893, 1913, 1922,
<code>\fb@putboxa</code> . . . 12243,	290, 305, 309, 328,	1941, 2034, 2040,
12268, 12326, 12343	336, 348, 362, 363,	2046, 2091, 2092,
<code>\fb@resto@set</code> . . . .	375, 376, 379, 382,	2099, 2100, 2112,
. 12278, 12318, 12322	398, 404, 406, 463,	2118, 2119, 2162,
<code>\fb@sizeofframe</code> . . .	468, 506, 513, 521,	2168, 2174, 2180,
. . . . . 12251, 12273	523, 530, 533, 534,	2186, 2198, 2204,
<code>\FBifcaptop</code> . . . . . 14500	537, 556, 557, 563,	2210, 2216, 2230,
<code>\fbox</code> . . . . . 2592,	572, 595, 604, 611,	2237, 2244, 2254,
2602, 7897, 9182,	620, 624, 637, 640,	2271, 2282, 2287,
12904, 12910,	641, 642, 648, 649,	2293, 2296, 2304,
12917, 12923,	654, 657, 665, 673,	2312, 2361, 2376,
12929, 12935,	675, 682, 683, 690,	2377, 2384, 2385,
12943, 12947,	693, 694, 699, 707,	2396, 2432, 2643,
12952, 12956,	746, 756, 765, 773,	2649, 2655, 2670,
12960, 12964,	797, 799, 814, 819,	2691, 2695, 2696,
12979, 12980,	853, 860, 869, 875,	2698, 2754, 2755,
12995, 12996,	876, 882, 885, 892,	2761, 2776, 2777,
13005, 13009,	895, 896, 901, 909,	2780, 2783, 2786,
13014, 13018,	917, 919, 926, 927,	2790, 2791, 2799,
13022, 13026,	931, 951, 952, 953,	3013, 3014, 3015,
13034, 13040,	970, 998, 1008,	3017, 3045, 3053,
13047, 13053,	1017, 1025, 1049,	3101, 3115, 3130,
13059, 13065, 16523	1051, 1066, 1071,	3131, 3153, 3154,
<code>\fboxrule</code> 2540, 12212,	1105, 1112, 1121,	3169, 3179, 3193,
12218, 12224,	1125, 1131, 1132,	3203, 3212, 3219,
12226, 12228, 12230	1137, 1140, 1148,	3289, 3297, 3303,
<code>\fboxsep</code> . . . . . 1584,	1156, 1158, 1165,	3309, 3315, 3321,
2541, 2608, 2617,	1166, 1174, 1177,	3327, 3333, 3339,
7859, 7860, 7861,	1178, 1183, 1196,	3352, 3361, 3364,



3370, 3379, 3382,  
3404, 3411, 3449,  
3453, 3459, 3460,  
3478, 3484, 3485,  
3503, 3507, 3513,  
3514, 3532, 3538,  
3539, 3560, 3564,  
3570, 3571, 3598,  
3604, 3605, 3633,  
3666, 3701, 3852,  
3870, 4042, 4045,  
4088, 4102, 4116,  
4126, 4154, 4199,  
4204, 4209, 4212,  
4213, 4214, 4222,  
4232, 4234, 4242,  
4249, 4252, 4256,  
4263, 4268, 4279,  
4291, 4292, 4330,  
4334, 4341, 4345,  
4347, 4386, 4478,  
4512, 4550, 4556,  
4560, 4565, 4579,  
4618, 4644, 4658,  
4670, 4685, 4721,  
4733, 4765, 4776,  
4830, 4832, 4833,  
4862, 4864, 4868,  
4869, 4878, 4880,  
4901, 4902, 4904,  
4918, 4919, 4921,  
4922, 4937, 4950,  
4951, 4959, 4976,  
5031, 5041, 5052,  
5239, 5245, 5438,  
5441, 5444, 5447,  
5466, 5477, 5707,  
5716, 5743, 5751,  
5760, 5795, 5804,  
5980, 6037, 6039,  
6049, 6375, 6376,  
6493, 6494, 6495,  
6673, 6751, 6803,  
6816, 6824, 6855,  
6856, 6911, 6912,  
6916, 6923, 6928,  
6937, 6966, 6974,  
6976, 7031, 7033,  
7037, 7056, 7058,  
7059, 7060, 7071,  
7073, 7074, 7083,  
7085, 7122, 7131,  
7135, 7141, 7142,  
7147, 7150, 7158,

7166, 7173, 7174,  
7181, 7184, 7185,  
7191, 7201, 7233,  
7235, 7237, 7249,  
7259, 7268, 7276,  
7299, 7308, 7312,  
7318, 7319, 7324,  
7327, 7335, 7343,  
7350, 7351, 7358,  
7361, 7362, 7368,  
7389, 7410, 7412,  
7414, 7426, 7436,  
7445, 7453, 7473,  
7479, 7480, 7484,  
7486, 7509, 7518,  
7572, 7577, 7615,  
7622, 7630, 7637,  
7640, 7641, 7645,  
7655, 7657, 7659,  
7668, 7674, 7675,  
7682, 7693, 7698,  
7717, 7719, 7720,  
7721, 7729, 7740,  
7742, 7751, 7756,  
7758, 7773, 7774,  
7775, 7777, 7779,  
7804, 7811, 7817,  
7829, 7830, 7842,  
7843, 7854, 7858,  
7859, 7863, 7864,  
7866, 7873, 7879,  
7898, 7901, 7902,  
7908, 7913, 7936,  
7959, 7982, 8005,  
8020, 8023, 8024,  
8040, 8044, 8045,  
8047, 8068, 8093,  
8100, 8109, 8111,  
8131, 8152, 8159,  
8168, 8170, 8200,  
8211, 8212, 8220,  
8251, 8252, 8260,  
8265, 8276, 8282,  
8289, 8290, 8291,  
8297, 8298, 8299,  
8326, 8334, 8340,  
8341, 8342, 8356,  
8362, 8363, 8364,  
8397, 8411, 8423,  
8426, 8436, 8450,  
8458, 8464, 8469,  
8471, 8472, 8473,  
8487, 8522, 8529,  
8536, 8543, 8568,

8617, 8623, 8629,  
8635, 8649, 8664,  
8710, 8713, 8714,  
8731, 8734, 8735,  
8760, 8776, 8777,  
8779, 8788, 8797,  
8798, 8817, 8830,  
8831, 8840, 8849,  
8850, 8853, 8869,  
8876, 8892, 8898,  
8914, 8921, 8978,  
8981, 8993, 9001,  
9002, 9005, 9019,  
9025, 9026, 9029,  
9035, 9055, 9139,  
9154, 9163, 9164,  
9165, 9166, 9196,  
9209, 9212, 9213,  
9216, 9223, 9229,  
9236, 9237, 9243,  
9250, 9260, 9331,  
9336, 9370, 9428,  
9433, 9471, 9477,  
9485, 9487, 9489,  
9491, 9500, 9506,  
9507, 9515, 9526,  
9531, 9552, 9555,  
9558, 9560, 9567,  
9568, 9572, 9595,  
9615, 9650, 9691,  
9767, 9768, 9779,  
9780, 9791, 9792,  
9813, 9821, 9822,  
9830, 9854, 9856,  
9862, 9868, 9869,  
9884, 9913, 9914,  
9917, 9918, 9920,  
9943, 9953, 9988,  
10005, 10052,  
10061, 10094,  
10110, 10155,  
10165, 10200,  
10217, 10264,  
10274, 10309,  
10326, 10373,  
10383, 10417,  
10435, 10482,  
10492, 10526,  
10544, 10591,  
10601, 10636,  
10653, 10700,  
10710, 10745,  
10762, 10809,  
10819, 10854,



10871,	10938,	12526,	12542,	13073,	13074,
10983,	10990,	12552,	12561,	13083,	13088,
10994,	11011,	12571,	12576,	13089,	13093,
11032,	11045,	12581,	12593,	13105,	13113,
11052,	11056,	12595,	12596,	13117,	13118,
11073,	11128,	12610,	12626,	13133,	13144,
11137,	11217,	12628,	12631,	13155,	13175,
11224,	11245,	12632,	12633,	13186,	13197,
11282,	11296,	12639,	12641,	13212,	13227,
11313,	11321,	12652,	12658,	13242,	13301,
11328,	11331,	12661,	12668,	13339,	13372,
11332,	11336,	12677,	12683,	13403,	13434,
11339,	11344,	12685,	12687,	13460,	13463,
11351,	11368,	12690,	12698,	13466,	13469,
11431,	11436,	12704,	12719,	13478,	13480,
11470,	11477,	12725,	12726,	13484,	13490,
11479,	11481,	12729,	12736,	13492,	13495,
11491,	11495,	12748,	12749,	13509,	13514,
11502,	11503,	12762,	12772,	13523,	13531,
11504,	11505,	12778,	12785,	13543,	13548,
11545,	11561,	12791,	12792,	13556,	13563,
11563,	11581,	12808,	12812,	13574,	13579,
11601,	11603,	12817,	12821,	13585,	13592,
11614,	11621,	12822,	12832,	13603,	13608,
11637,	11659,	12833,	12838,	13618,	13624,
11667,	11671,	12839,	12840,	13628,	13631,
11685,	11692,	12848,	12857,	13659,	13663,
11769,	11771,	12859,	12860,	13678,	13686,
11773,	11782,	12861,	12862,	13694,	13702,
11784,	11786,	12863,	12875,	13711,	13719,
11794,	11797,	12877,	12878,	13728,	13736,
11799,	11814,	12879,	12880,	13744,	13756,
11828,	11852,	12881,	12886,	13762,	13765,
11936,	11938,	12892,	12893,	13766,	13767,
11974,	12027,	12894,	12907,	13782,	13793,
12035,	12049,	12913,	12920,	13794,	13799,
12063,	12064,	12926,	12932,	13811,	13828,
12079,	12080,	12938,	12939,	13832,	13835,
12103,	12177,	12940,	12945,	13838,	13840,
12178,	12189,	12949,	12954,	13864,	13865,
12190,	12201,	12958,	12962,	13866,	13867,
12202,	12203,	12966,	12967,	13878,	13879,
12213,	12227,	12968,	12969,	13896,	13907,
12229,	12239,	12976,	12984,	13919,	13931,
12307,	12308,	12992,	13000,	13944,	13946,
12336,	12341,	13007,	13011,	13965,	13972,
12350,	12363,	13016,	13020,	13980,	13986,
12364,	12365,	13024,	13028,	14000,	14010,
12379,	12414,	13029,	13030,	14018,	14049,
12436,	12439,	13037,	13043,	14050,	14060,
12463,	12489,	13050,	13056,	14061,	14078,
12492,	12503,	13062,	13068,	14087,	14093,
12508,	12517,	13069,	13070,	14127,	14130,
12523,	12525,	13071,	13072,	14209,	14212,



14215,	14218,	15311,	15317,	16308,	16333,
14221,	14224,	15321,	15322,	16335,	16346,
14227,	14230,	15343,	15344,	16357,	16364,
14234,	14237,	15345,	15350,	16370,	16372,
14240,	14243,	15361,	15363,	16375,	16376,
14246,	14249,	15367,	15377,	16390,	16444,
14252,	14255,	15389,	15396,	16445,	16448,
14258,	14261,	15418,	15425,	16452,	16453,
14264,	14267,	15428,	15449,	16456,	16461,
14270,	14273,	15459,	15489,	16462,	16467,
14276,	14279,	15495,	15496,	16482,	16483,
14282,	14285,	15518,	15525,	16484,	16485,
14288,	14291,	15528,	15549,	16486,	16488,
14294,	14297,	15559,	15586,	16491,	16499,
14300,	14303,	15592,	15593,	16510,	16515,
14306,	14309,	15598,	15618,	16520,	16523,
14312,	14315,	15628,	15629,	16524,	16531,
14318,	14321,	15634,	15635,	16533,	16537,
14324,	14327,	15641,	15645,	16539,	16548,
14330,	14333,	15646,	15649,	16550,	16552,
14336,	14339,	15653,	15658,	16561,	16563,
14342,	14345,	15661,	15665,	16565,	16574,
14348,	14351,	15670,	15674,	16576,	16578,
14354,	14357,	15682,	15693,	16587,	16589,
14360,	14363,	15707,	15712,	16610,	16630,
14366,	14369,	15718,	15732,	16642,	16643,
14372,	14375,	15740,	15755,	16650,	16659,
14378,	14381,	15768,	15776,	16663,	16676,
14384,	14387,	15781,	15786,	16679,	16680,
14390,	14393,	15791,	15834,	16681,	16687,
14396,	14399,	15836,	15857,	16688,	16693,
14402,	14405,	15864,	15896,	16696,	16704,
14408,	14411,	15900,	15904,	16712,	16719,
14414,	14417,	15981,	15988,	16720,	16727,
14420,	14423,	16007,	16012,	16730,	16731,
14429,	14431,	16017,	16024,	16737,	16752,
14434,	14443,	16034,	16035,	16773,	16775,
14444,	14459,	16038,	16039,	16777,	16791,
14481,	14486,	16040,	16045,	16801,	16810,
14494,	14537,	16050,	16054,	16818,	16842,
14538,	14542,	16060,	16066,	16844,	16859,
14543,	14545,	16071,	16074,	16864,	16898,
14550,	14557,	16080,	16099,	16905,	16914,
14567,	14574,	16112,	16113,	16930,	16940,
14581,	14589,	16145,	16163,	16949,	16957,
14593,	14626,	16177,	16185,	16983,	16985,
14648,	14672,	16186,	16190,	17000,	17005,
14680,	14871,	16198,	16213,	17047,	17048,
15197,	15265,	16221,	16256,	17050,	17053,
15269,	15272,	16265,	16266,	17059,	17060,
15277,	15278,	16284,	16288,	17065,	17068,
15279,	15280,	16295,	16296,	17076,	17084,
15281,	15282,	16298,	16300,	17091,	17092,
15294,	15308,	16301,	16302,	17099,	17102,



17103,	17109,	18011,	18042,	19116,	19123,
17113,	17126,	18045,	18046,	19135,	19169,
17129,	17130,	18047,	18063,	19183,	19185,
17131,	17138,	18066,	18073,	19192,	19194,
17140,	17142,	18090,	18111,	19200,	19206,
17146,	17175,	18118,	18121,	19209,	19233,
17244,	17249,	18122,	18123,	19234,	19245,
17285,	17291,	18125,	18161,	19253,	19260,
17299,	17306,	18164,	18175,	19261,	19269,
17309,	17310,	18179,	18190,	19270,	19281,
17314,	17315,	18196,	18207,	19288,	19295,
17316,	17327,	18218,	18236,	19305,	19308,
17329,	17331,	18242,	18266,	19310,	19315,
17340,	17364,	18370,	18378,	19319,	19322,
17373,	17426,	18379,	18403,	19324,	19329,
17431,	17469,	18417,	18419,	19331,	19334,
17476,	17484,	18424,	18431,	19337,	19339,
17491,	17494,	18438,	18450,	19344,	19346,
17495,	17499,	18484,	18498,	19347,	19350,
17509,	17511,	18500,	18507,	19381,	19384,
17513,	17522,	18509,	18515,	19385,	19400,
17527,	17534,	18521,	18524,	19403,	19414,
17543,	17577,	18548,	18549,	19418,	19425,
17581,	17591,	18560,	18568,	19442,	19463,
17622,	17627,	18575,	18576,	19470,	19473,
17628,	17639,	18584,	18585,	19474,	19475,
17640,	17654,	18596,	18603,	19477,	19513,
17656,	17660,	18610,	18620,	19516,	19527,
17664,	17666,	18623,	18625,	19531,	19542,
17671,	17675,	18630,	18634,	19548,	19558,
17678,	17682,	18637,	18639,	19569,	19587,
17684,	17688,	18644,	18646,	19593,	19617,
17717,	17725,	18649,	18652,	19708,	19711,
17726,	17750,	18654,	18659,	19753,	19769,
17763,	17765,	18661,	18662,	19774,	19778,
17770,	17777,	18665,	18696,	19779,	19796,
17784,	17796,	18699,	18700,	19804,	19810,
17830,	17844,	18703,	18706,	19817,	19824,
17846,	17853,	18719,	18722,	19830,	19835,
17855,	17861,	18725,	18728,	19866,	19923,
17867,	17870,	18737,	18741,	19924,	19940,
17894,	17895,	18748,	18765,	19941,	19957,
17906,	17914,	18786,	18793,	19995,	20002,
17921,	17922,	18796,	18797,	20004,	20019,
17930,	17931,	18798,	18800,	20030,	20033,
17942,	17949,	18836,	18839,	20040,	20041,
17956,	17966,	18850,	18854,	20042,	20047,
17969,	17971,	18865,	18871,	20051,	20052,
17976,	17980,	18881,	18892,	20067,	20090,
17983,	17985,	18910,	18916,	20097,	20115,
17990,	17992,	18940,	19055,	20116,	20132,
17995,	17998,	19063,	19064,	20133,	20134,
18000,	18005,	19088,	19102,	20138,	20139,
18007,	18008,	19104,	19109,	20148,	20152,



20153,	20154,	21293,	21294,	21940,	21946,
20160,	20163,	21295,	21298,	21952,	21960,
20164,	20165,	21301,	21304,	21967,	21968,
20173,	20184,	21305,	21314,	21969,	21975,
20185,	20187,	21320,	21329,	21980,	21983,
20188,	20194,	21330,	21338,	21991,	21992,
20195,	20196,	21344,	21348,	22000,	22001,
20204,	20207,	21351,	21352,	22009,	22010,
20208,	20216,	21363,	21364,	22018,	22019,
20217,	20218,	21374,	21375,	22027,	22028,
20219,	20227,	21379,	21383,	22029,	22030,
20230,	20234,	21387,	21391,	22033,	22036,
20235,	20236,	21395,	21399,	22039,	22042,
20244,	20247,	21403,	21407,	22043,	22044,
20251,	20252,	21411,	21416,	22045,	22047,
20253,	20261,	21424,	21427,	22049,	22050,
20264,	20268,	21434,	21435,	22057,	22060,
20269,	20270,	21439,	21446,	22062,	22066,
20278,	20281,	21469,	21475,	22067,	22070,
20285,	20286,	21486,	21491,	22086,	22087,
20287,	20295,	21497,	21499,	22095,	22096,
20298,	20302,	21506,	21509,	22099,	22100,
20303,	20304,	21522,	21531,	22101,	22102,
20312,	20315,	21544,	21547,	22103,	22109,
20320,	20321,	21558,	21564,	22114,	22122,
20322,	20330,	21565,	21571,	22139,	22145,
20333,	20339,	21576,	21579,	22147,	22154,
20340,	20341,	21593,	21598,	22164,	22166,
20349,	20352,	21601,	21602,	22186,	22210,
20359,	20360,	21603,	21604,	22213,	22233,
20361,	20369,	21608,	21611,	22253,	22256,
20372,	20386,	21613,	21619,	22259,	22277,
20394,	20395,	21620,	21634,	22292,	22310,
20396,	20404,	21644,	21645,	22312,	22321,
20407,	20429,	21652,	21657,	22330,	22365,
20444,	20445,	21660,	21663,	22374,	22406,
20446,	20587,	21664,	21667,	22409,	22410,
20607,	20699,	21668,	21670,	22411,	22412,
20716,	20719,	21679,	21680,	22413,	22421,
20721,	20757,	21684,	21690,	22435,	22439,
20758,	20760,	21696,	21697,	22440,	22444,
20762,	20792,	21698,	21701,	22452,	22453,
20793,	20794,	21707,	21711,	22454,	22455,
20801,	20817,	21722,	21723,	22456,	22477,
20833,	20857,	21727,	21733,	22484,	22490,
20905,	20906,	21745,	21746,	22491,	22492,
21220,	21222,	21747,	21750,	22493,	22495,
21229,	21231,	21764,	21769,	22496,	22497,
21244,	21245,	21815,	21816,	22515,	22531,
21246,	21253,	21824,	21834,	22550,	22553,
21257,	21262,	21843,	21844,	22554,	22558,
21266,	21272,	21847,	21851,	22559,	22561,
21278,	21282,	21852,	21887,	22569,	22571,
21288,	21291,	21913,	21932,	22679,	22685, 22691



\figcaption . 12857, 12875	\FN@sfi@RTLfootnote . . . . . 2638, 2652	\footdir@ORG@bidi@footnotetext . . . . . 12030
\fill . . . . . 6666, 6670, 12892, 13087, 14429, 14431, 14433	\FN@sfi@gobble@bracket . . . . . 2676, 2679	\footdir@ORG@bidi@LTRfootnotetext . . . . . 12032
\filright . . 19982, 20011	\FN@sfi@gobble@opt . . . . . 2642, 2648, 2654, 2657	\footdir@ORG@bidi@RTLfootnotetext . . . . . 12031
\FirstFrameCommand . . . . . 12226, 12272	\FN@sfi@gobble@optonly . . . . . 2669, 2672	\footdir@temp . . . 79, 80, 81, 282, 283, 284, 1747, 1748, 1749, 11869, 12030, 12031, 12032
\firstmark . . . . 8066, 8129, 11543, 11579, 11736, 12412, 12461, 15416, 15516, 22184, 22231, 22542	\FN@sfi@gobble@twobracket . . . . . 2661, 2664	\footdir@toks . . . . . 11810, 11877, 11878, 11879, 11883
\firstname . . . . . 2942	\font . . . . . 19720, 19721	\footdir@write . . . . 11804, 11834, 11873
\firstnamecolour . . . . 2911, 8507, 8603	\fontdimen . 19720, 19721	\footersymbol . . . . . 8564, 8565, 8580, 8581, 8582, 8583
\firstnamefont . . . . . 2920, 2928, 8545, 8546, 8637, 8640	\fontsize . . . . . 303, 6621, 6623, 6625, 8545, 8637, 13777, 16097, 16110	\footfootmark . . 9632, 9757, 9980, 10086, 10192, 10301, 10410, 10519, 10628, 10737, 10846, 11113, 12167
\firstnamestyle 2928, 8557, 8647, 8668	\foo . . . . . 16168, 16170, 16180, 16182	\footfudgefactor . . . 10911, 11000, 11062
\fivecolumnfootnotes . . . . . 10246	\footdir@abspage . . . . . 11839, 11842, 11843, 11846, 11847, 11850	\footins . . . . . 35, 49, 65, 238, 252, 267, 8719, 8740, 8744, 8745, 8756, 8759, 8763, 8787, 8793, 8801, 8802, 8813, 8816, 8820, 8839, 8845, 9649, 9663, 9677, 9837, 9896, 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\Fld@width . . . 13677, 13685, 13693, 13701	\footdir@debug 11811, 11819, 11823, 11826, 11836, 11843, 11847, 11850	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\flnew@within . . . . 11644	\footdir@debugfalse 2209	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\float@newx . . . . . 11638	\footdir@debugtrue . . . . . 2207, 11809	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\float@alignment . . . . . 5295, 5296, 5337, 5338, 5360, 5367, 5375, 5426, 5637	\footdir@fntext . . . . 11857, 11874, 11876	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\FloatBarrier . 5267, 5617	\footdir@LeftRightElse . . 11817, 11833, 11910	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatc@bidi@tuftefloatplain . . . . . 5635, 5645, 5652, 5658, 5666	\footdir@name . . . . . 11860, 11863, 11864	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatc@bidi@tuftefloatplaintop . . . . . 5652	\footdir@ORG@bidi@amsart@footnotetext . . . . . 79	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatc@bidi@tuftefloatruled . . . . . 5653	\footdir@ORG@bidi@amsart@LTRfootnotetext . . . . . 81	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatc@plain . . . . 11635	\footdir@ORG@bidi@amsart@RTLfootnotetext . . . . . 80	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatingpenalty . . . . 41, 55, 71, 244, 258, 273, 8719, 8740, 8787, 8794, 8839, 8846, 9840, 11979, 11996, 12012	\footdir@ORG@bidi@amsbook@footnotetext . . . . . 282	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\floatstyle . . . . . 5686	\footdir@ORG@bidi@amsbook@LTRfootnotetext . . . . . 284	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\flushleft . . . 2609, 2618	\footdir@ORG@bidi@amsbook@RTLfootnotetext . . . . . 283	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\FN@sfi@footnote . . . . . 2636, 2640	\footdir@ORG@bidi@beamer@footnotetext . . . . . 1747	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\FN@sfi@footnotemark . . . . . 2665, 2667	\footdir@ORG@bidi@beamer@LTRfootnotetext . . . . . 1749	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301
\FN@sfi@LTRfootnote . . . . . 2637, 2646	\footdir@ORG@bidi@beamer@RTLfootnotetext . . . . . 1748	\footnotetext . . . . . 11230, 11253, 11257, 11270, 11276, 11291, 11990, 12006, 12396, 12445, 12446, 12499, 12501, 12502, 12522, 12533, 12542, 12563, 12584, 16458, 16459, 22264, 22270, 22274, 22297, 22301





9901, 9931, 10040,	9770, 9771, 9773,	8762, 8819, 9633,
10143, 10252,	9775, 9778, 9782,	9639, 9645, 9841,
10361, 10470,	9783, 9785, 9787,	10981, 11043,
10579, 10688,	9790, 9797, 9800,	11978, 11986,
10797, 10956,	12168, 12169,	11995, 12003,
10962, 11014, 11020	12171, 12173,	12011, 12019,
\footinsv@l . . . . 9809,	12176, 12180,	12046, 12060,
9817, 9903, 9904,	12181, 12183,	12074, 13772, 13774
10962, 10963,	12185, 12188,	\footnotesize . . . 38,
10991, 10993,	12192, 12193,	52, 68, 106, 226,
11020, 11021,	12195, 12197, 12200	241, 255, 270, 413,
11053, 11055,	\footnote . . . . . 417,	737, 989, 1239,
11072, 11086,	491, 741, 840,	3020, 3042, 5175,
15822, 15823,	993, 1092, 1243,	5176, 5214, 5833,
15830, 15831,	1343, 1751, 2636,	5834, 5835, 6027,
15835, 15836,	2639, 6203, 6522,	6057, 6075, 6093,
15850, 15897, 15898	6553, 7244, 7421,	7240, 7417, 7522,
\footinsv@r . . . . 9808,	7526, 7600, 9289,	9285, 9378, 9833,
9898, 9899, 9900,	9357, 9382, 9456,	9834, 9835, 11385,
9901, 9931, 9932,	11389, 11457,	11969, 11970,
9943, 9953, 9963,	15312, 15315,	11971, 11976,
10040, 10041,	16786, 16885,	11993, 12009,
10052, 10061,	16923, 17029,	12039, 12053,
10070, 10143,	17183, 17271,	12067, 13764,
10144, 10155,	17380, 17454,	16261, 16263,
10165, 10175,	17835, 18489, 19174	16782, 16919,
10252, 10253,	\footnotelayout . . .	17179, 17376,
10264, 10274,	. . . 6021, 6022, 6025	17831, 18485, 19170
10284, 10361,	\footnotemark . . . . .	\footnotetext . . 2700,
10362, 10373,	2665, 2666, 12108,	2711, 6982, 6992
10383, 10393,	12122, 15313, 15316	\footrule . . . . . 11522
10470, 10471,	\footnoterule . . . . .	\footrulewidth 2890, 5496
10482, 10492,	. . . . 8698, 8760,	\footscript . . . . 9754,
10502, 10579,	8766, 8771, 8799,	9760, 9764, 9766,
10580, 10591,	8800, 8817, 8821,	12170, 12174, 12176
10601, 10611,	8825, 8851, 8852,	\footskip 11522, 17821,
10688, 10689,	9624, 9853, 9861,	18475, 19160, 22528
10700, 10710,	9882, 9897, 11223,	\foottextfont . . 9633,
10720, 10797,	11256, 11269,	9653, 9695, 9833,
10798, 10809,	11801, 11898,	9926, 9945, 9980,
10819, 10829,	11902, 11905,	9991, 10035,
10956, 10957,	11920, 11925,	10054, 10086,
10987, 10989,	11926, 11928,	10097, 10138,
11014, 11015,	12584, 12617,	10157, 10192,
11049, 11051,	15758, 16460,	10203, 10247,
11070, 11098,	19974, 22273, 22300	10266, 10301,
15818, 15819,	\footnotes . . . . . 6018	10312, 10356,
15826, 15827,	\footnotesep . . 29, 31,	10375, 10410,
15833, 15834,	40, 46, 54, 60, 70,	10421, 10465,
15849, 15893, 15894	76, 233, 235, 243,	10484, 10519,
\footmarkstyle 9754, 9793	249, 257, 263, 272,	10530, 10574,
\footmarkwidth . . . .	278, 1661, 1678,	10593, 10628,
9753, 9758, 9759,	1695, 1710, 1725,	10639, 10683,
9761, 9763, 9766,	1740, 8716, 8737,	10702, 10737,



10748, 10792,	18440, 19115,	14993, 14994,
10811, 10846,	19118, 19122, 19125	14995, 14997,
10857, 10916,	\ftn@rule@test@values	15002, 15003,
10951, 10980,	..... 17775,	15008, 15009,
11005, 11042,	17782, 18429,	15013, 15018,
11077, 11113, 11138	18436, 19114, 19121	15021, 15028,
\forcerectofloat .. 5298	\ftn@rule@width 17779,	15030, 15033,
\forceversofloat .. 5299	17786, 18433,	15034, 15038,
\forvariable .....	18440, 19118, 19125	15040, 15041,
4458, 4464, 4540,	\ftnm@font .....	15044, 15045,
4576, 4583, 4588,	. 17771, 18425, 19110	15046, 15050,
4594, 4599, 4603, 4604	\full@width .....	15051, 15055,
\fourcolumnfootnotes	. 15685, 15697, 15745	15056, 15063,
..... 10137	\futurelet .... 790,	15078, 15079,
\fp ..... 14969,	792, 1042, 1044,	15080, 15082,
14970, 14971, 14972	1292, 1294, 3209,	15087, 15090,
\fps@figure ..... 12845	4258, 4261, 16835,	15091, 15094,
\framebox ..... 8555,	16837, 16976, 16978	15098, 15099,
8686, 15627, 15633		15100, 15104,
\FrameCommand .... 12224		15105, 15106,
\FrameHeightAdjust 12298		15113, 15114,
\FrameRestore . 12232,		15115, 15117,
12236, 12352, 12353		15118, 15121,
\framewidth .....		15122, 15127,
... 1650, 1667, 1684		15133, 15144,
\fromaddress .....		15149, 15150,
.... 9550, 9556,		15151, 15155,
9566, 13830, 13836		15158, 15159,
\fromname ..... 9571		15160, 15161,
\fromsig ..... 9570, 9572		15163, 15171,
\fromvalue .... 4458,		15185, 15186,
4544, 4567, 4589, 4604		15187, 15188,
\frontmatter ..... 6720		15190, 15193,
\fs@bidituftefloatboxed		15201, 15202,
..... 5664		15205, 15209,
\fs@bidituftefloatplain		15210, 15212,
..... 5643, 5651		15214, 15215,
\fs@bidituftefloatplaintop		15216, 15220,
..... 5651		15221, 15222,
\fs@bidituftefloatruled		15227, 15234,
..... 5656		16120, 16128, 16131
\fslice . 16278, 16279,		\g@addto@macro . 4703,
16281, 16282, 16285		4947, 5032, 5042,
\ftn@amount ... 12500,		5293, 5979, 5981,
12501, 12502,		9090, 9093, 9095,
12509, 12513, 12514		14559, 21131, 21447
\ftn@font .... 17732,		\g@mix@page@int .. 15107
17768, 18385,		\gdef .. 406, 408, 2539,
18422, 19070, 19107		2911, 2912, 2913,
\ftn@rule@height ..		2914, 2915, 2916,
..... 17776,		2918, 2919, 3080,
17779, 17783,		3104, 4136, 4222,
17786, 18430,		4224, 4234, 4236,
18433, 18437,		4553, 4555, 4556,



5026, 5037, 5311,	\global . . . . . 301,	5869, 6636, 6833,
5312, 5314, 5317,	437, 438, 439, 440,	6836, 6854, 6858,
5397, 5402, 5403,	441, 442, 443, 444,	6874, 6885, 6911,
5404, 5556, 5597,	445, 446, 447, 448,	6912, 6939, 6952,
5976, 6114, 6143,	466, 472, 473, 474,	6953, 6973, 6983,
6172, 6211, 6220,	475, 476, 477, 478,	6986, 6989, 6992,
6229, 6558, 6575,	479, 480, 481, 482,	6995, 6998, 7030,
6591, 6603, 6643,	483, 484, 519, 520,	7040, 7054, 7056,
6644, 6645, 6832,	671, 672, 779, 780,	7061, 7062, 7068,
6835, 7090, 7102,	781, 782, 783, 784,	7069, 7071, 7091,
7104, 8065, 8128,	785, 786, 787, 788,	7103, 7105, 7163,
9044, 9057, 11274,	817, 823, 824, 825,	7164, 7282, 7283,
11287, 11300,	826, 827, 828, 829,	7284, 7285, 7286,
11301, 11542,	830, 831, 832, 833,	7287, 7288, 7289,
11578, 11864,	915, 916, 1031,	7290, 7291, 7340,
11924, 12411,	1032, 1033, 1034,	7341, 7459, 7460,
12460, 13893,	1035, 1036, 1037,	7461, 7462, 7463,
14126, 14129,	1038, 1039, 1040,	7464, 7465, 7466,
15415, 15515,	1069, 1075, 1076,	7467, 7468, 7546,
16042, 16063,	1077, 1078, 1079,	7547, 7548, 7549,
16452, 19718,	1080, 1081, 1082,	7550, 7551, 7552,
19983, 19984,	1083, 1084, 1085,	7553, 7554, 7555,
19989, 20012,	1154, 1155, 1281,	7556, 7557, 7575,
20013, 21444,	1282, 1283, 1284,	7581, 7582, 7583,
21851, 21901,	1285, 1286, 1287,	7584, 7585, 7586,
22126, 22183, 22230	1288, 1289, 1290,	7587, 7588, 7589,
\geometry . . . . . 5197,	1319, 1325, 1326,	7590, 7591, 7592,
5200, 5204, 5207, 5211	1327, 1328, 1329,	7593, 7627, 7628,
\Gin@angle . . . . . 16103	1330, 1331, 1332,	7720, 7730, 7731,
\Gin@bboxtrue . . . . 12662	1333, 1334, 1335,	7732, 7733, 7734,
\Gin@defaultbp . . . .	1461, 1462, 1648,	7735, 7736, 7737,
. . 12663, 12664,	1665, 1682, 1699,	7745, 7758, 7763,
12665, 12666,	1700, 1714, 1715,	7767, 7823, 8052,
19945, 19946, 19949	1729, 1730, 2488,	8053, 8063, 8070,
\Gin@eheight . . . . . 16105	2489, 2490, 2491,	8104, 8115, 8116,
\Gin@esetsize . . . . 12681	2492, 2493, 2494,	8126, 8133, 8163,
\Gin@ewidth . 16104, 16105	2495, 2496, 2497,	8188, 8207, 8404,
\Gin@exclamation . .	2498, 2698, 2701,	8415, 8428, 8440,
. 12711, 16104, 16107	2704, 2707, 2711,	8442, 8451, 8453,
\Gin@gridfalse . . . 16090	2714, 2717, 2796,	8454, 8457, 8460,
\Gin@ii . . . . . 12670	2800, 2822, 3105,	8470, 8477, 8478,
\Gin@iii . . . 12659, 12673	3119, 3121, 3127,	8485, 8711, 8718,
\Gin@llx . . . . . 12663	3129, 3140, 3146,	8732, 8739, 8751,
\Gin@lly . . . . . 12664	3158, 3182, 3266,	8759, 8763, 8780,
\Gin@outer@scalex 16101	3282, 3441, 3495,	8783, 8791, 8796,
\Gin@outer@scaley 16102	3549, 4358, 4360,	8808, 8816, 8820,
\Gin@scalex . . . . . 16106	4380, 4381, 4392,	8832, 8835, 8843,
\Gin@scaley . . . . . 16107	4400, 4410, 4523,	8848, 9170, 9307,
\Gin@urx . . . . . 12665	4542, 4544, 4546,	9308, 9309, 9310,
\Gin@ury . . . . . 12666	4558, 4563, 5162,	9311, 9312, 9313,
\Gin@include@graphics	5296, 5340, 5341,	9314, 9315, 9316,
. . . . . 12667, 12679	5713, 5724, 5727,	9334, 9340, 9341,
\Gin@put@path . . . . . 14867	5757, 5768, 5771,	9342, 9343, 9344,
	5801, 5812, 5815,	9345, 9346, 9347,



9348, 9349, 9350,  
 9402, 9403, 9404,  
 9405, 9406, 9407,  
 9408, 9409, 9410,  
 9411, 9412, 9413,  
 9431, 9437, 9438,  
 9439, 9440, 9441,  
 9442, 9443, 9444,  
 9445, 9446, 9447,  
 9448, 9449, 9482,  
 9483, 9691, 9702,  
 9713, 9877, 9879,  
 9920, 9988, 10000,  
 10013, 10094,  
 10105, 10117,  
 10200, 10212,  
 10225, 10309,  
 10321, 10334,  
 10418, 10430,  
 10443, 10527,  
 10539, 10552,  
 10636, 10648,  
 10661, 10745,  
 10757, 10770,  
 10854, 10866,  
 10879, 10902,  
 10916, 10989,  
 10993, 11051,  
 11055, 11123,  
 11148, 11162,  
 11233, 11277,  
 11280, 11286,  
 11292, 11294,  
 11299, 11318,  
 11319, 11407,  
 11408, 11409,  
 11410, 11411,  
 11412, 11413,  
 11414, 11415,  
 11416, 11434,  
 11440, 11441,  
 11442, 11443,  
 11444, 11445,  
 11446, 11447,  
 11448, 11449,  
 11450, 11530,  
 11531, 11540,  
 11546, 11566,  
 11567, 11576,  
 11583, 11654,  
 11657, 11690,  
 11693, 11695,  
 11701, 11702,  
 11703, 11721,

11725, 11728,  
 11731, 11733,  
 11737, 12035,  
 12036, 12049,  
 12050, 12063,  
 12064, 12385,  
 12386, 12387,  
 12388, 12394,  
 12395, 12396,  
 12397, 12398,  
 12399, 12409,  
 12418, 12443,  
 12444, 12445,  
 12446, 12447,  
 12448, 12458,  
 12467, 12496,  
 12497, 12509,  
 12510, 12511,  
 12513, 12514,  
 12515, 12516,  
 12598, 12611,  
 13271, 13285,  
 13309, 13323,  
 13356, 13387,  
 13418, 13481,  
 13491, 14076,  
 14468, 14469,  
 14517, 14520,  
 14539, 14540,  
 14548, 15245,  
 15246, 15247,  
 15248, 15249,  
 15250, 15251,  
 15252, 15253,  
 15270, 15365,  
 15402, 15403,  
 15413, 15419,  
 15422, 15424,  
 15426, 15427,  
 15429, 15434,  
 15442, 15444,  
 15452, 15453,  
 15454, 15455,  
 15457, 15458,  
 15461, 15462,  
 15493, 15494,  
 15502, 15503,  
 15513, 15519,  
 15522, 15524,  
 15526, 15527,  
 15529, 15534,  
 15542, 15544,  
 15552, 15553,  
 15554, 15555,

15557, 15558,  
 15561, 15562,  
 15590, 15591,  
 15597, 15598,  
 15610, 15611,  
 15612, 15613,  
 15614, 15615,  
 15617, 15623,  
 15695, 15712,  
 15718, 15732,  
 15740, 15983,  
 16200, 16217,  
 16218, 16219,  
 16220, 16228,  
 16235, 16268,  
 16292, 16293,  
 16294, 16493,  
 16543, 16709,  
 16710, 16824,  
 16825, 16826,  
 16827, 16828,  
 16829, 16830,  
 16831, 16832,  
 16833, 16862,  
 16868, 16869,  
 16870, 16871,  
 16872, 16873,  
 16874, 16875,  
 16876, 16877,  
 16878, 16963,  
 16964, 16965,  
 16966, 16967,  
 16968, 16969,  
 16970, 16971,  
 16972, 16973,  
 16974, 17003,  
 17009, 17010,  
 17011, 17012,  
 17013, 17014,  
 17015, 17016,  
 17017, 17018,  
 17019, 17020,  
 17021, 17081,  
 17082, 17213,  
 17214, 17215,  
 17216, 17217,  
 17218, 17219,  
 17220, 17221,  
 17222, 17223,  
 17224, 17247,  
 17253, 17254,  
 17255, 17256,  
 17257, 17258,  
 17259, 17260,



17261,	17262,	19244,	19267,	\glueexpr . . . .	20951,
17263,	17264,	19348,	19358,		20958, 20963,
17265,	17296,	19359,	19360,		21050, 21111,
17297,	17400,	19361,	19362,		21114, 21118, 21124
17401,	17402,	19363,	19364,	\Gm@pageframes . . .	12773
17403,	17404,	19365,	19366,	\Gm@vrule . . . .	12756,
17405,	17406,	19367,	19368,		12757, 12758,
17407,	17408,	19369,	19370,		12760, 12761,
17409,	17410,	19371,	19372,		12762, 12765,
17411,	17429,	19373,	19374,		12766, 12767,
17435,	17436,	19375,	19376,		12770, 12771, 12772
17437,	17438,	19377,	19378,	\Gm@vrules@mpi . . .	12753
17439,	17440,	19379,	19380,	\Gm@vrules@mpii . .	12763
17441,	17442,	19382,	19579,	\grid . . . . .	16098, 16111
17443,	17444,	19581,	19809,	\Grot@box . . . .	12631,
17445,	17446,	19813,	19814,		12639, 17660,
17447,	17481,	19815,	19832,		17671, 17678, 17688
17482,	17805,	19844,	19849,	\Grot@box@kv . . . .	12632
17806,	17807,	19853,	19865,	\Grot@box@std . . . .	12626
17808,	17886,	19902,	19904,	\Grot@setangle	12627,
17905,	17928,	19909,	19911,		12638, 17653,
18009,	18019,	20178,	20179,		17663, 17674, 17681
18020,	18021,	20182,	20183,	\Grot@x . . . . .	12629,
18022,	18023,	20717,	20718,		12634, 17658,
18024,	18025,	20811,	20816,		17668, 17676, 17686
18026,	18027,	21441,	21589,	\Grot@y . . . . .	12630,
18028,	18029,	21597,	21607,		12635, 17659,
18030,	18031,	21610,	21654,		17669, 17676, 17687
18032,	18033,	21912,	22129,	\group . .	14848, 14869,
18034,	18035,	22140,	22170,		15156, 15169,
18036,	18037,	22171,	22181,		15174, 15181, 15237
18038,	18039,	22188,	22217,	\grp@aligned . . . . .	7736
18040,	18041,	22218,	22228,	\GRP@box .	7731, 7763, 7765
18043,	18228,	22235,	22327,	\grp@eqs@numbered .	7735
18230,	18459,	22338,	22341,	\grp@hasNumber . . . .	7740
18460,	18461,	22371,	22382,	\GRP@label . . . . .	7732
18462,	18540,	22385,	22413,	\grp@linewidth . . . .	7734
18559,	18582,	22422,	22423,	\GRP@queue . . .	7731, 7767
18663,	18673,	22424,	22425,	\grp@setnumber . . . .	7740
18674,	18675,	22427,	22430,	\grp@shiftnumber . .	7737
18676,	18677,	22431,	22445,	\grp@wdL . . . . .	7733
18678,	18679,	22450,	22464,	\grp@wdNum . . . . .	7734
18680,	18681,	22465,	22467,	\grp@wdR . . . . .	7733
18682,	18683,	22476,	22509,	\grp@wdT . . . . .	7733
18684,	18685,	22521,	22524,	\Gscale@box . . . . .	
18686,	18687,	22526,	22533,		12641, 12733, 12750
18688,	18689,	22537,	22539,	\Gscale@div . . . . .	
18690,	18691,	22540, 22543, 22552			12732, 12739, 12742
18692,	18693,	\GlobalSetatBoolean	3275	\Gscale@end .	12645, 12691
18694,	18695,	\GlobalSetBoolean .		\Gscale@start	12645, 12691
18697,	18902,		3259, 5298,	\Gscale@x . .	12643, 12689
18904,	19144,		5299, 5326, 5327,	\Gscale@y . .	12643, 12689
19145,	19146,		5331, 5332, 5625, 5626	\gsetlength . . . . .	
19147,	19225,	\glossary . .	11715, 22504		5160, 5313, 5405,



5867, 6116, 6118, 6145, 6147, 6174, 6176	12760, 12765, 12769, 13826, 13990, 13997, 14004, 14009, 14077, 15366, 15468, 15473, 15477, 15568, 15569, 15575, 15672, 16707, 16732, 17079, 17104, 17195, 17238, 17311, 17419, 17479, 17496, 18171, 18846, 19523, 19756, 20441, 20603, 20712, 21195, 21317, 21354, 21356, 21422, 21429, 21431, 21863, 22044, 22045, 22120, 22190, 22195, 22199, 22237, 22238, 22244, 22434, 22515, 22531, 22553	8019, 8022, 8039, 8043, 8763, 8766, 8769, 8820, 8821, 8823, 9047, 9052, 9058, 9281, 9580, 10909, 10921, 10926, 10930, 10935, 11180, 11190, 11200, 11209, 11363, 11501, 11515, 11516, 11521, 11523, 11547, 11550, 11554, 11631, 11635, 11637, 11675, 11680, 11890, 12619, 12620, 12628, 12633, 12644, 12645, 12690, 12691, 12729, 12736, 13771, 13777, 13796, 13849, 14460, 14480, 14485, 14542, 14545, 14853, 14869, 14870, 14888, 15148, 15150, 15160, 15196, 15231, 15645, 15679, 15695, 15697, 15807, 16126, 16128, 16131, 16212, 16261, 16265, 16285, 16318, 16322, 16327, 16331, 16343, 16354, 16371, 16381, 16398, 16407, 16408, 16417, 16471, 16472, 16473, 16475, 16476, 16502, 16520, 16531, 16693, 16747, 17065, 17170, 17294, 17324, 17506, 17675, 17732, 17768, 17771, 17786, 18210, 18385,
H		
\H@@footnotemark ..		
.. 13162, 13251, 13444, 13458, 13475		
\H@@footnotetext ..		
... 9603, 13121, 13132, 13201, 13248, 13362, 13445, 13461, 13475		
\H@mpfootnotetext		
... 9609, 13130, 13164, 13168, 13252		
\H@refstepcounter 13651		
\halign ..... 6873, 14471		
\hangafter .. 7913, 15338		
\hangindent .... 107, 108, 109, 227, 228, 229, 647, 874, 1130, 6493, 6494, 6495, 7140, 7317, 7817, 7913, 13765, 13766, 13767, 15331, 15337, 16686, 17058, 22047, 22571		
\hb@xt@ ..... 456, 516, 535, 668, 695, 897, 912, 1059, 1151, 1179, 2482, 7161, 7186, 7338, 7363, 7565, 7625, 7642, 7903, 8072, 8077, 8081, 8135, 8136, 8142, 8368, 8374, 8379, 8386, 8393, 9214, 9226, 9324, 9421, 9480, 9759, 9766, 9771, 9778, 9783, 9790, 11316, 11333, 11424, 11585, 11586, 11592, 11612, 11627, 11746, 12169, 12176, 12181, 12188, 12193, 12200, 12420, 12421, 12427, 12469, 12474, 12478, 12654, 12700, 12755,	\hbadness ..... 5668, 8704, 8725, 19885, 19887, 21528, 21529, 21546	
	\hbox ..... 15, 28, 188, 210, 232, 345, 379, 387, 404, 544, 654, 731, 882, 965, 1137, 1211, 1413, 1472, 1527, 1576, 1581, 1592, 1611, 1615, 1622, 1623, 1950, 1951, 1952, 1960, 1967, 1974, 2123, 2400, 2681, 5272, 5360, 5362, 5367, 5400, 5401, 5410, 5417, 5637, 5670, 5988, 6027, 6054, 6072, 6090, 6212, 6221, 6230, 6665, 6673, 6792, 6842, 6846, 6857, 6874, 6885, 7091, 7105, 7147, 7225, 7324, 7378, 7652, 7764, 7830, 7859,	



18422,	18425,	13018,	13019,	5430, 5433, 5434,
18440,	18884,	13047,	13049,	6814, 6824, 7836,
19070,	19107,	13053,	13055,	7837, 8556, 11517,
19110,	19125,	15199, 15207, 15232		11518, 11523,
19561,	19735,	\hfil . 15, 210, 516, 535,		11524, 15647,
19783,	19796,	668, 695, 897, 912,		15671, 15910,
19824,	19835,	1060, 1151, 1179,		15913, 15914,
19874,	19944,	1409, 1410, 1411,		15915, 15918,
21309,	21310,	1412, 1440, 1441,		15919, 15920,
21359,	21361,	1442, 1448, 1449,		15921, 15922,
21418,	21419,	1450, 1960, 1967,		15925, 15926,
21622,	21656,	1974, 2454, 2459,		15927, 15928,
21658,	21664,	6843, 6845, 6950,		15929, 15930,
21777,	21786,	7161, 7186, 7338,		15931, 15934,
21787,	21796,	7363, 7625, 7642,		15935, 15936,
21861,	21862,	7903, 8020, 8023,		15937, 15938,
21865,	21866,	8040, 8044, 8074,		15939, 15940,
21867,	21868,	8076, 8139, 8141,		15941, 15942,
21876,	21882,	8371, 8373, 8390,		15945, 15946,
22046,	22055,	8392, 9214, 9226,		15947, 15950,
22057,	22062,	9480, 9919, 11316,		15951, 15952,
22072,	22087,	11333, 11549,		15955, 15956,
22116,	22117,	11589, 11591,		15957, 15958,
22442, 22452, 22454		11617, 11630,		15959, 15962,
\hboxL . . . . . 192,		11637, 12424,		15963, 15964,
2115, 2117, 2395,		12426, 12471,		15965, 15966,
12332, 12349,		12473, 12762,		15969, 15970,
13992, 16408, 21787		12767, 13796,		15971, 15972,
\hboxR 190, 2109, 2111,		14077, 14485,		15973, 16372,
2393, 16398, 21777		15366, 15470,		16376, 17786,
\head@style . . . . 621,		15472, 15572,		18248, 18265,
928, 1122, 1355,		15574, 15672,		18440, 18922,
7132, 7309, 16660,		16265, 16319,		18939, 19125,
17043, 17110, 17172		16323, 16328,		19599, 19616,
\headheight . . . . 2464,		16332, 16344,		19984, 20013,
9032, 11516,		16355, 16381,		21158, 21161,
11723, 17819,		16707, 16732,		21165, 21311,
18473, 19158, 22511		17079, 17104,		21420, 21577, 22118
\headrule . . . . . 11519		17294, 17311,		\hfilneg . . . . . 9913, 9917
\headrulewidth 2889, 5495		17479, 17496,		\hfuzz . 9045, 19886, 19888
\headsep . . . . .		20441, 20603,		\hintcolour . . . . . 2919
2472, 2475, 9033,		20712, 21195,		\hintfont . . . . . 2927,
11724, 17820,		21317, 21354,		2935, 2989, 2996, 3001
18474, 19159, 22520		21356, 21422,		\hintscolumnwidth .
\headwidth 2979, 11515,		21429, 21431,		. . . . . 2955,
11517, 11518,		21890, 22120,		2969, 2973, 2981,
11519, 11521,		22192, 22194,		2989, 2995, 3001, 3058
11523, 11524, 11525		22241, 22243,		\hintstyle . . . . . 2935
\height . 12635, 12709,		22453, 22455,		\hline 14437, 14439, 14445
12917, 12919,		22492, 22493,		\HLOFF . . . . . 2544
12923, 12925,		22495, 22496, 22553		\HLON . . . . . 2538
12952, 12953,		\hfill . . . . 1478, 1479,		\HLTR@LTRfootnotetext
12956, 12957,		1602, 1623, 3000,		. . . 9605, 13123,
13014, 13015,		3006, 3020, 5429,		13154, 13231,



13249, 13291,	\hspace . 41, 55, 71, 244,	15733, 15736,
13393, 13447, 13467	258, 273, 624, 931,	15741, 15744,
\HLTR@mpLTRfootnotetext	1125, 1541, 1650,	15794, 15798,
... 9611, 13152,	1651, 1652, 1667,	15802, 16434,
13166, 13190, 13253	1668, 1669, 1684,	16436, 16604,
\hoffset . . . . . 2468	1685, 1686, 1704,	16663, 17113,
\hold@viper . . . . .	1719, 1734, 2414,	17175, 17191,
8086, 8089, 8145,	2813, 5669, 5670,	17234, 17744,
8148, 8216, 8219,	5730, 5774, 5818,	17755, 17757,
8403, 8404, 8415,	6415, 7135, 7312,	17826, 17827,
8416, 8428, 8429,	7760, 8020, 8023,	18171, 18397,
8441, 8476, 8478, 8479	8040, 8044, 9655,	18409, 18411,
\holder . 16275, 16278,	9669, 9683, 9695,	18480, 18481,
16287, 16297,	9706, 9717, 9912,	18846, 19082,
16298, 16316,	9974, 9992, 10004,	19094, 19096,
16320, 16325,	10017, 10080,	19165, 19166,
16329, 16341,	10098, 10109,	19523, 21369,
16345, 16352, 16356	10121, 10186,	21372, 21377,
\href . . . . . 3025, 3026,	10204, 10216,	21381, 21385,
3029, 3030, 3033, 3034	10229, 10295,	21389, 21393,
\HRTL@mpRTLfootnotetext	10313, 10325,	21397, 21401,
... 9613, 13141,	10338, 10404,	21405, 21625,
13165, 13179, 13254	10422, 10434,	21646, 21650,
\HRTL@RTLfootnotetext	10447, 10513,	21817, 21827,
... 9607, 13122,	10531, 10543,	21971, 22344,
13143, 13216,	10556, 10622,	22388, 22549, 22553
13250, 13329,	10640, 10652,	\hskip 14, 28, 209, 232,
13424, 13446, 13464	10665, 10731,	305, 309, 534, 544,
\hrule . . . . . 31,	10749, 10761,	654, 655, 694, 731,
235, 540, 725, 960,	10774, 10840,	882, 883, 896, 944,
1205, 5659, 5660,	10858, 10870,	965, 1137, 1138,
5670, 5671, 6844,	10883, 10920,	1178, 1211, 1358,
7219, 7372, 7482,	11081, 11093,	1411, 1412, 1450,
7488, 7494, 7500,	11105, 11139,	1474, 1477, 1583,
7648, 8328, 8699,	11142, 11153,	1585, 1587, 1589,
9277, 9576, 9625,	11156, 11167,	1592, 1617, 1626,
11359, 11893,	11170, 11636,	3072, 6376, 6816,
11895, 11927,	11637, 11980,	6860, 6861, 6864,
12337, 13774,	11997, 12013,	6866, 6867, 6870,
13845, 14626,	12040, 12054,	7147, 7148, 7185,
15759, 15810,	12068, 12085,	7225, 7324, 7325,
16373, 16741,	12086, 12232,	7362, 7378, 7641,
17164, 17320,	12337, 12367,	7652, 7832, 7835,
17502, 17779,	12370, 12374,	7902, 8073, 8080,
17786, 18433,	12377, 12378,	8084, 8085, 8370,
18440, 19118, 19125	14073, 14077,	8378, 8383, 8384,
\hrulefill . . . . . 28,	14471, 14482,	8764, 8765, 8768,
232, 544, 731, 965,	14485, 14512,	8778, 8779, 8822,
1211, 7225, 7378,	14595, 14596,	9213, 9281, 9580,
7652, 9281, 9580,	14603, 14626,	10907, 11332,
11363, 11890,	15362, 15366,	11363, 11548,
13771, 13849,	15599, 15679,	11553, 11557,
15807, 16747,	15681, 15689,	11558, 11613,
17170, 17324, 17506	15725, 15729,	11629, 11890,





12470,	12477,	20173,	20204,	7642,	7903,	8079,
12481,	12482,	20227,	20244,	8083,	8138,	8144,
12755,	12757,	20261,	20278,	8376,	8381,	8388,
12758,	12761,	20295,	20312,	8395,	8767,	8777,
12766,	12769,	20330,	20349,	8822,	8831,	9047,
12771,	12772,	20369,	20404,	9050,	9052,	9055,
13677,	13685,	20596,	20599,	9058,	9214,	9226,
13693,	13701,	20805,	20837,	9325,	9422,	9480,
13710,	13718,	21304,	21351,	9760,	9766,	9772,
13727,	13735,	21361,	21416,	9778,	9784,	9790,
13771,	13795,	22114,	22191,	11316,	11333,	
13827,	13849,	22198,	22202,	11425,	11552,	
13984,	15469,	22203,	22436,	11556,	11588,	
15476,	15480,	22438,	22452, 22455	11594,	11746,	
15481,	15646,	\hspace . 108, 109, 228,		12170,	12176,	
15658,	15670,	229,	553, 2990,	12182,	12188,	
15725,	15729,	2995,	3001, 5412,	12194,	12200,	
15733,	15736,	5419,	5641, 6319,	12423,	12429,	
15737,	15741,	6320,	6326, 6327,	12476,	12480,	
15744,	15745,	6333,	6334, 6340,	12654,	12700,	
15807,	15910,	6341,	6468, 6494,	12758,	12772,	
15913,	15915,	6495,	8686, 8859,	13997,	14004,	
15918,	15920,	8862,	8866, 8868,	14009,	14480,	
15922,	15925,	8873,	8875, 8879,	14488,	14890,	
15927,	15929,	8882,	8885, 8889,	15151,	15232,	
15931,	15934,	8891,	8895, 8897,	15475,	15479,	
15936,	15938,	8901,	8904, 8907,	15571,	15577,	
15940,	15942,	8911,	8913, 8918,	15715,	15716,	
15945,	15947,	8920,	9233, 9567,	15726,	15727,	
15950,	15952,	9761,	9773, 9785,	16243,	16253,	
15955,	15957,	12171,	12183,	16473,	16484,	
15959,	15962,	12195,	12892,	16485,	16486,	
15964,	15966,	12908,	12921,	16707,	16732,	
15969,	15971,	12933,	12946,	17079,	17104,	
15973,	15987,	12955,	12963,	17195,	17238,	
16229,	16236,	13008,	13017,	17294,	17311,	
16693,	16694,	13025,	13038,	17420,	17479,	
16731,	16747,	13051,	13063,	17496,	17732,	
17046,	17065,	13087,	13766,	17768,	18210,	
17066,	17103,	13767,	18143,	18220,	18385,	
17170,	17310,	18152,	18818,	18422,	18884,	
17324,	17495,	18827,	19495,	18894,	19070,	
17506,	17584,	19504,	19707,	19107,	19561,	
17586,	17593,	19708,	19989,	19571,	19756,	
17595,	17631,	20001,	22673,	20603,	20712,	
17633,	17642,	22677,	22682,	21630,	21632,	
17644,	17730,	22684,	22688, 22690	21637,	21643,	
17786,	17793,	\hss . . . 457, 516, 535,		21863,	21981,	
18383,	18440,	668,	695, 897, 912,	22032,	22033,	
18447,	19068,	1151,	1179, 1576,	22035,	22036,	
19125,	19132,	1842,	1864, 2139,	22038,	22039,	
19744,	19750,	2414,	2483, 6435,	22044,	22045,	
19762,	19767,	7161,	7186, 7338,	22102,	22103,	
19983,	20012,	7363,	7566, 7625,	22104,	22105,	



22197, 22201,	17615, 17670,	12937, 12943,
22240, 22246, 22440	17677, 19784,	12944, 12952,
\ht . . . 385, 1460, 1493,	19820, 19832,	12953, 12960,
1563, 2129, 2406,	19947, 21665,	12961, 12972,
7851, 7860, 7862,	21667, 22073,	12973, 12979,
8179, 8186, 8194,	22416, 22426, 22430	12982, 12988,
8208, 8219, 8236,	\ht@hold@viper . . . .	12989, 12996,
8238, 8241, 8243,	. . . . 8217, 8219,	12999, 13005,
8257, 8270, 8274,	8441, 8442, 8476, 8477	13006, 13014,
8277, 8278, 8281,	\ht@strip 15610, 15611,	13015, 13022,
8287, 8305, 8306,	15612, 15613,	13023, 13040,
8319, 8349, 8441,	15614, 15617, 15619	13042, 13053,
8476, 8707, 8716,	\ht@viper . . . . . 8178,	13055, 13065, 13067
8728, 8737, 8745,	8184, 8185, 8208,	\hvCapWidth . . . 12825,
8755, 8757, 8773,	8209, 8210, 8221,	12827, 12829,
8802, 8812, 8814,	8375, 8380, 8387, 8394	12831, 12835,
8827, 9198, 9921,	\httplink . . . . . 3027	12837, 12852, 12870
10027, 10032,	\Huge . . . . . 6402, 7485,	\hvFloat . . . . . 12799
10130, 10135,	7497, 7677, 7685,	\hvMaxCapWidth 12810,
10239, 10244,	9509, 9518, 11346,	12811, 12832,
10348, 10353,	11354, 17529, 17537	12833, 12834, 12837
10457, 10462,	\huge . 564, 6256, 6258,	\hvObjectBox . . . . .
10566, 10571,	6401, 7476, 7671,	. . 12814, 12817,
10675, 10680,	9244, 9253, 9503,	12819, 12823,
10784, 10789,	11341, 17524,	12829, 12904,
10893, 10898,	17868, 18522, 19207	12906, 12917,
10911, 10982,	\hv@Bottom . . . . . 12987	12919, 12929,
11044, 11497,	\hv@Center . . . 12891,	12931, 12947,
12257, 12264,	12902, 12942,	12948, 12956,
12281, 12288,	13004, 13032, 13085	12957, 12964,
12289, 12302,	\hv@figure . 12856, 12874	12965, 12972,
12306, 12329,	\hv@floatObject . . .	12975, 12980,
12500, 12505,	. . . . . 12817, 12821	12983, 12988,
12647, 12648,	\hv@floatType . 12847,	12991, 12995,
12650, 12693,	12856, 12874, 13092	12998, 13009,
12694, 12696,	\hv@Height . . . . . 12829	13010, 13018,
12829, 13910,	\hv@label . . . . . 12798	13019, 13026,
13927, 14446,	\hv@Left . . . 12832, 12900	13027, 13034,
14499, 14514,	\hv@longCap . . . . . 12797	13036, 13047,
14529, 14531,	\hv@Right . . 12833, 12889	13049, 13059, 13061
14532, 14624,	\hv@shortCap . . . . .	\hvObjectWidth . . . .
14631, 14634,	. 12796, 12862, 12880	. . 12823, 12827,
15453, 15457,	\hv@Top . 12915, 12951,	12831, 12832, 12833
15462, 15553,	12971, 13013, 13045	\hvOBox . . . . 12817, 12821
15557, 15562,	\hv@Width . . 12827, 12850	\hvSet@capAngle . . .
15613, 15615,	\hv@Zero . . . 12816, 13079	. . . . . 12850, 12869
15813, 15819,	\hvAboveCaptionSkip	\hvSet@capPos . . . . .
15823, 16287,	. . . . . 12995, 12998	. . 12832, 12833,
16345, 16356,	\hvBelowCaptionSkip	12900, 12971, 12987
16361, 16362,	. . . . . 12979, 12982	\hvSet@capVPos 12902,
16363, 16364,	\hvCaptionBox . 12851,	12915, 12942,
16368, 16383,	12868, 12910,	12951, 13004,
16500, 16523,	12912, 12923,	13013, 13032, 13045
17570, 17612,	12925, 12935,	\hvSet@capWidth 12827,



12829, 12834, 12835	\Hy@LT@currentHref	13206, 13218,
\hvSet@floatCapSep	..... 13653, 13664	13221, 13233,
..... 12908,	\Hy@LT@LTRfootnotetext	13236, 13293,
12921, 12933,	..... 13281, 13290	13296, 13331,
12946, 12955,	\Hy@LT@RTLfootnotetext	13334, 13364,
12963, 13008,	..... 13319, 13328	13367, 13395,
13017, 13025,	\Hy@MakeRemoteAction	13398, 13426, 13429
13038, 13051, 13063	..... 13504	\hyper@anchorend . 13666
\hvSet@floatPos .. 12845	\Hy@maketitle@end .	\hyper@anchorstart 13666
\hvSet@objectAngle	. 13450, 13455, 13457	\hyper@link ..... 13494
..... 12816, 12820	\Hy@maketitle@optarg	\hyper@linkend ....
\hvSet@objectPos ..	..... 13448, 13453	.. 13105, 13109,
. 12889, 12891, 13085	\Hy@pstringD 13503, 13522	13113, 13115,
\hvSet@rotAngle ...	\Hy@pstringdef ....	13495, 13628, 13631
. 12810, 13079, 13082	.. 13502, 13503,	\hyper@linkfile .. 13497
\Hy@Acrobatmenu .. 13596	13537, 13538, 13569	\hyper@linkstart ..
\Hy@backout ..... 13623	\Hy@pstringF ..... 13105, 13109,	.. 13105, 13109,
\Hy@BeginAnnot ....	.. 13500, 13501,	13113, 13115,
.. 13479, 13499,	13502, 13517,	13495, 13624, 13631
13536, 13568, 13597	13537, 13550, 13555	\hyper@linkurl ... 13566
\Hy@bidipoem@footnotetext	\Hy@pstringP 13538, 13555	\hyper@makecurrent 13652
..... 13352, 13361	\Hy@pstringURI ....	\hyper@nat@current 13625
\Hy@bidipoem@LTRfootnotetext	..... 13569, 13582	\hyper@natlinkbreak
..... 13383, 13392	\Hy@raisedlink 13172,	..... 13630
\Hy@bidipoem@RTLfootnotetext	13183, 13194,	\hyper@natlinkend 13627
..... 13414, 13423	13205, 13220,	\hyper@natlinkstart
\Hy@CleanupFile .. 13501	13235, 13295,	..... 13622
\Hy@colorlink . 13529,	13333, 13366,	\hyperref 12170, 12174,
13561, 13590, 13616	13397, 13428, 13665	12176, 12182,
\Hy@EndAnnot ..... 12186, 12188,	\Hy@saved@footnotemark	12194, 12198, 12200
.. 13486, 13532,	..... 13440, 13459	\hypersetup .... 2873,
13564, 13593, 13619	\Hy@saved@footnotetext	2881, 6512, 6571, 6588
\Hy@endcolorlink . 13488	..... 13441, 13462	\hypertarget .....
\Hy@footnote@currentHlabel	\Hy@SetNewWindow ..	. 18137, 18812, 19489
. 13208, 13223, 13238	..... 13524, 13552	\hyphenpenalty ... 6,
\Hy@footnote@currentHref	\Hy@setpdfborder ..	105, 201, 225,
..... 13170,	..... 13510,	623, 930, 1124,
13173, 13181,	13544, 13575, 13604	7134, 7311, 13763,
13184, 13192,	\Hy@tabularx@hook .	13787, 16662,
13195, 13203,	..... 13247, 13259	17112, 17174, 17317
13206, 13209,	\Hy@temp@menu 13598, 13611	\HyRTL@saved@RTLfootnotetext
13218, 13221,	\Hy@xspace@end ....	..... 13442, 13465
13224, 13233,	.. 13495, 13531,	
13236, 13239,	13563, 13592, 13618	
13282, 13320,	\HyLTR@saved@LTRfootnotetext	I
13353, 13384, 13415	..... 13443, 13468	\i ..... 4579,
\Hy@gtemp .. 13258, 13263	\HyOrg@maketitle ..	4580, 4592, 4604, 4605
\Hy@href@nextactionraw	. 13438, 13449, 13454	\ialign ... 393, 19789,
..... 13525,	\HyOrg@TX@endtabularx	19827, 21890, 22078
13557, 13586, 13612	..... 13246	\IeC ..... 13913
\Hy@href@page .... 13520	\hyper@@anchor 13170,	\if ..... 361, 362, 363,
\Hy@linkcounter 9098, 9103	13173, 13181,	365, 366, 367, 368,
\Hy@linktoc ..... 13101	13184, 13192,	369, 372, 373, 374,
	13195, 13203,	398, 404, 1386,



1387, 1388, 1390,	..... 14216	\if@bidi@diagboxloaded@
1391, 1392, 1393,	\if@bidi@arabxetexloaded@	..... 14244
1394, 1395, 1396,	..... 14415	\if@bidi@draftwatermarkloaded@
1399, 1400, 1401,	\if@bidi@arrayloaded@	..... 14304
1424, 1425, 1426,	..... 14349	\if@bidi@empheqlloaded@
1428, 1429, 1430,	\if@bidi@arydshlnloaded@	..... 14307
1431, 1432, 2772,	..... 14373	\if@bidi@fancyboxloaded@
2778, 2781, 2784,	\if@bidi@blank ....	..... 14298
2787, 4275, 4330,	... 3383, 3886, 3893	\if@bidi@fancyhdrloaded@
4334, 4340, 4344,	\if@bidi@breqnloaded@	..... 14301
4385, 4468, 4851,	..... 14219	\if@bidi@fancyvrbloaded@
7721, 7740, 7773,	\if@bidi@calsloaded@	..... 14421
7774, 7775, 11822,	..... 14222	\if@bidi@floatloaded@
11846, 12080,	\if@bidi@captionloaded@	..... 14253
13880, 14428,	..... 14225	\if@bidi@floatrowloaded@
14430, 14432,	\if@bidi@colorloaded@	..... 14256
16161, 19796,	..... 14231	\if@bidi@flowframloaded@
19830, 19835,	\if@bidi@colortbloaded@	..... 14259
19922, 19923,	..... 14250	\if@bidi@fontspecloaded@
19924, 19925,	\if@bidi@croploaded@	..... 14412
19926, 19927,	..... 14228	\if@bidi@framedloaded@
19928, 19930,	\if@bidi@csdef . 2314,	..... 14262
19931, 19932,	3347, 3396, 10940,	\if@bidi@ftnrightloaded@
19933, 19934,	15757, 15816, 15892	..... 14265
19937, 19938,	\if@bidi@csmacro .. 3395	\if@bidi@geometryloaded@
19939, 21976,	\if@bidi@cspprimitive	..... 14280
21977, 22070,	..... 3405	\if@bidi@graphicxloaded@
22087, 22094,	\if@bidi@csumdef 3079,	..... 14277
22095, 22096,	3082, 3085, 3089,	\if@bidi@hvfloatloaded@
22097, 22098, 22099	3094, 3353, 3426,	..... 14283
\if@allcaps .... 752,	3461, 3486, 3515,	\if@bidi@hyperrefloaded@
761, 769, 1004,	3540, 3572, 3578,	..... 14295
1013, 1021, 1254,	3606, 3612, 3621,	\if@bidi@lettrineloaded@
1263, 1271, 7255,	3638, 4160, 5056,	..... 14316
7264, 7272, 7432,	5108, 9586, 9587,	\if@bidi@linenoloaded@
7441, 7449, 16797,	9600, 9601, 22570	..... 14319
16806, 16814,	\if@bidi@cutedloaded@	\if@bidi@list@minipage@parbox
16936, 16945, 16953	..... 14238	..... 2073,
\if@altsecnumformat	\if@bidi@cutwinloaded@	21927, 21987,
. 18047, 18700, 19385	..... 14235	21996, 22005,
\if@bib@break@ 18057,	\if@bidi@dblfnloaded@	22014, 22027,
18082, 18097,	..... 14241	22028, 22042, 22043
18113, 18732,	\if@bidi@def ..... 3365	\if@bidi@list@minipage@parbox@not@nob
18757, 18772,	\if@bidi@defmacro .	..... 2074,
18788, 19409,	.... 3388, 3389,	21935, 21989,
19434, 19449, 19465	3397, 3785, 3804, 3948	21998, 22007, 22016
\if@bibchapter ... 20098	\if@bidi@defparam .	\if@bidi@listingsloaded@
\if@bidi@amsmathloaded@	..... 3806,	..... 14322
..... 14207	3900, 3901, 3950	\if@bidi@longtableloaded@
\if@bidi@amstextloaded@	\if@bidi@defprimitive	..... 14370
..... 14210	..... 3399	\if@bidi@mdf@RTL ..
\if@bidi@amsthmloaded@	\if@bidi@defprotected	..... 14586, 14593
..... 14213	..... 3813,	\if@bidi@mdframedloaded@
\if@bidi@animateloaded@	3909, 3910, 3961	..... 14286



\if@bidi@midfloatloaded@ ..... 14289	\if@bidi@tikzloaded@ ..... 14340	\if@colourgreen 8494, 8523, 8592, 8618
\if@bidi@minitocloaded@ ..... 14382	\if@bidi@titlesecloaded@ ..... 14343	\if@colourgrey . 8498, 8537, 8596, 8630
\if@bidi@multicolloaded@ ..... 14376	\if@bidi@titletocloaded@ ..... 14346	\if@colourorange 8492, 8516, 8590, 8612
\if@bidi@multienumloaded@ ..... 14379	\if@bidi@tocbasicloaded@ ..... 14403	\if@colourred .. 8496, 8530, 8594, 8624
\if@bidi@natbibloaded@ ..... 14385	\if@bidi@tocbibbindloaded@ ..... 14409	\if@compatibility . .. 518, 670, 746, 914, 998, 1153, 1248, 7249, 7426, 16930, 16930,
\if@bidi@newfloatloaded@ ..... 14388	\if@bidi@tocstyleloaded@ ..... 14406	20181, 20716, 22058
\if@bidi@ontheoremloaded@ ..... 14292	\if@bidi@todonotes@figposition@right .. 21458, 21556, 21561, 21568, 21574	\if@contcw . 15318, 15347
\if@bidi@overpicloaded@ ..... 14310	\if@bidi@todonotes@textdirection@bidi ..... 21457,	\if@contcng . . . . . 15328
\if@bidi@patchable ..... 3773, 3774	21491, 21531, 21565	\if@continent . . . 15334
\if@bidi@pdfencrypt ..... 2062, 2297	\if@bidi@undef . . . . .... 3371, 3430, 3682, 3693, 3712, 3716, 3720, 3724, 3734, 3738, 3742, 3746, 3782, 3801, 3945	\if@DEBUG . . . . . 2827
\if@bidi@pdfmark ..... 2065, 2309, 2365, 2429	\if@bidi@void@compfootins ... 9584, 9852, 9860	\if@displaypagenumbers ..... 3035, 3038
\if@bidi@pdfpagesloaded@ ..... 14313	\if@bidi@void@footins .. 9583, 11215, 11222	\if@donumindex . . . . ..... 20099, 20118
\if@bidi@perpage@footnote ..... 2057, 2284	\if@bidi@wrapfigloaded@ ..... 14274	\if@dotocbib . . . . . 20060
\if@bidi@pgfloaded@ ..... 14331	\if@bidi@xcolorloaded@ ..... 14247	\if@dotocind 20106, 20123
\if@bidi@picinparloaded@ ..... 14334	\if@bidi@xltextraloaded@ ..... 14268	\if@extrafootnote@features ..... 2070, 2269
\if@bidi@polyglossialloaded@ ..... 14418	\if@bidi@xtabloaded@ ..... 14367	\if@fcolmade . . . 8100, 8159, 11561, 11601, 11685, 12436, 12489, 12518, 15489, 15586, 22210, 22253
\if@bidi@pstricksloaded@ ..... 14328	\if@bidi@xunicode@loaded@ ..... 14271	\if@ff@nwpng . . . . . 11653
\if@bidi@quotchaploaded@ ..... 14337	\if@captionabove . . ..... 18186, 18192, 18203, 18214, 18861, 18867, 18877, 18888, 19538, 19544, 19554, 19565	\if@filesw . . . . . 3106, 3451, 3457, 3476, 3482, 3505, 3511, 3530, 3536, 3562, 3568, 3596, 3602
\if@bidi@rotatingloaded@ ..... 14394	\if@cftdopart . . . . 20155	\if@firstcolumn . . . .... 8051, 8114, 8175, 8447, 8466, 11529, 11565, 12393, 12442, 12530, 15401, 15501, 15607, 22169, 22216, 22406
\if@bidi@soulloaded@ ..... 14355	\if@cfthaschapter . ..... 20146, 20150, 20156, 20177, 20189, 20211	\if@firstdetail@element ..... 8659, 8661
\if@bidi@stabularloaded@ ..... 14352	\if@cfthaspart . . . 20142	\if@firstfooterelement ..... 8563, 8566
\if@bidi@subfigloaded@ ..... 14358	\if@chapterentry@withdots ..... 18936, 19613	\if@hboxRconstruct ..... 2061, 2368, 3317, 3323, 12079, 21934,
\if@bidi@subfigureloaded@ ..... 14361	\if@colour . . . . . 2856	
\if@bidi@supertabularloaded@ ..... 14364		
\if@bidi@tablsloaded@ ..... 14397		
\if@bidi@tabularyloaded@ ..... 14400		



21958, 21989,	\if@pboxsw . . . . . 21983	7859, 7863, 7864,
21998, 22007,	\if@restonecol . . . .	7866, 7873, 7879,
22016, 22027,	. . . . . 604, 620,	7898, 7901, 7902,
22028, 22042, 22043	869, 1121, 7131,	7908, 7913, 8020,
\if@ignore . . . 4127, 4129	7308, 7518, 16659,	8023, 8040, 8044,
\if@inlabel . . . . . 7720	16914, 17373, 20138	8865, 8872, 8888,
\if@inltxdoc . . . . . 20091	\if@reversemargin 22411	8894, 8910, 8917,
\if@insert . . . . . 8474	\if@right@column@shrink	9046, 9126, 9141,
\if@komalongtable .	. . . 8255, 8284, 8359	9163, 9164, 9165,
. 18200, 18874, 19551	\if@right@column@spread	9166, 9189, 9209,
\if@left@column@shrink	. . . . . 8353	9212, 9213, 9223,
. . . . . 8337	\if@rjfield . . . . . 22450	9237, 9250, 9260,
\if@left@column@spread	\if@rll . . . . . 2055	9477, 9500, 9515,
. . . . . 8254, 8331	\if@rll@footnote . . . 2072	9531, 9552, 9555,
\if@LTRbibitems . . .	\if@rllmain . . . . . 2054	9560, 9568, 11313,
. . . 87, 290, 572,	\if@rot@twoside 17574,	11328, 11331,
707, 970, 1220,	17579, 17589,	11332, 11339,
1893, 2068, 3053,	17619, 17625, 17637	11351, 11368,
7201, 7389, 7698,	\if@RTL . . . . . 12,	11637, 11794,
9260, 9531, 11368,	13, 25, 87, 104,	12080, 12227,
13744, 15396,	107, 108, 109, 173,	12229, 12626,
15981, 16752,	180, 189, 207, 208,	12628, 12631,
17146, 17340,	224, 227, 228, 229,	12632, 12633,
17543, 18073,	290, 305, 309, 513,	12639, 12641,
18748, 19425, 20067	530, 533, 534, 557,	12658, 12661,
\if@LTRmarginpar 2067,	572, 624, 637, 648,	12668, 12677,
22435, 22440, 22444	649, 654, 665, 690,	12683, 12687,
\if@mainmatter . 6719,	693, 694, 707, 875,	12690, 12704,
7475, 7670, 9502,	876, 882, 892, 895,	12729, 12736,
16536, 18703, 18725	896, 909, 931, 970,	12901, 13003,
\if@minipage . 5464, 15387	1125, 1131, 1132,	13105, 13113,
\if@mparswitch . . . 22408	1137, 1148, 1174,	13495, 13531,
\if@newlist . . . 11701,	1177, 1178, 1196,	13563, 13592,
11733, 22464, 22539	1220, 1359, 1360,	13618, 13624,
\if@nobreak . . . . 5052,	1471, 1472, 1485,	13628, 13631,
12354, 14597, 16597	1496, 1510, 1528,	13676, 13684,
\if@nonlatin . . . . .	1893, 1918, 1937,	13692, 13700,
. . 336, 348, 2056,	2055, 2089, 2367,	13708, 13717,
2282, 3329, 3335,	2374, 3053, 3293,	13725, 13734,
7756, 7758, 14581	3299, 3450, 3475,	13744, 13762,
\if@noparlist . . . . . 7078	3504, 3529, 3561,	13765, 13766,
\if@noskipsec . . 7719,	3595, 6375, 6376,	13767, 13782,
12355, 14598, 16598	6493, 6494, 6495,	13793, 13794,
\if@oldtoc . 658, 684,	7135, 7141, 7142,	13828, 13832,
886, 902, 1141,	7147, 7158, 7181,	13835, 13840,
1168, 7151, 7175,	7184, 7185, 7201,	13961, 13968,
7328, 7352, 16697,	7312, 7318, 7319,	13976, 13996,
16721, 17069, 17093	7324, 7335, 7358,	14006, 14481,
\if@openright . . . . .	7361, 7362, 7389,	14553, 14563,
. . . 6747, 7689, 9522	7473, 7484, 7486,	14570, 14589,
\if@ovb . . . . . 11505	7622, 7637, 7640,	14672, 14680,
\if@ovl . . . . . 11503	7641, 7668, 7682,	14871, 15197,
\if@ovr . . . . . 11502	7698, 7717, 7729,	15277, 15278,
\if@ovt . . . . . 11504	7742, 7817, 7858,	15279, 15280,



15281,	15282,	18699,	18748,	21769,	21815,
15361,	15363,	18796,	18797,	21816,	21843,
15396,	15641,	18798,	18800,	21844,	21847,
15645,	15646,	18848,	18852,	21851,	21928,
15653,	15658,	19051,	19059,	21936,	21942,
15665,	15670,	19084,	19098,	21948,	21961,
15981,	16060,	19384,	19425,	22029,	22030,
16080,	16095,	19473,	19474,	22032,	22035,
16109,	16141,	19475,	19477,	22038,	22042,
16265,	16315,	19525,	19529,	22043,	22044,
16390,	16444,	19706,	19709,	22045,	22047,
16445,	16448,	19739,	19759,	22049,	22050,
16452,	16484,	19957,	20002,	22055,	22102,
16485,	16486,	20019,	20039,	22103,	22109,
16531,	16533,	20042,	20047,	22114,	22435,
16539,	16550,	20051,	20052,	22440,	22444,
16552,	16563,	20067,	20163,	22452,	22453,
16565,	16576,	20164,	20165,	22454,	22455,
16578,	16587,	20173,	20194,	22550,	22553,
16589,	16606,	20195,	20196,	22561,	22571,
16626,	16642,	20204,	20217,	22672,	22682, 22688
16643,	16663,	20218,	20219,	\if@RTL@footnote . .	
16676,	16687,	20227,	20234,	. . . . . 36, 239,	
16688,	16693,	20235,	20236,	1649, 1700, 2072,	
16704,	16727,	20244,	20251,	2370, 5743, 9650,	
16730,	16731,	20252,	20253,	9691, 9943, 9988,	
16752,	17047,	20261,	20268,	10052, 10094,	
17048,	17059,	20269,	20270,	10155, 10200,	
17060,	17065,	20278,	20285,	10264, 10309,	
17076,	17099,	20286,	20287,	10373, 10417,	
17102,	17103,	20295,	20302,	10482, 10526,	
17113,	17126,	20303,	20304,	10591, 10636,	
17146,	17175,	20312,	20320,	10700, 10745,	
17291,	17306,	20321,	20322,	10809, 10854,	
17309,	17310,	20330,	20339,	11007, 11028,	
17315,	17316,	20340,	20341,	11069, 11124,	
17340,	17476,	20349,	20359,	11133, 11974,	
17491,	17494,	20360,	20361,	12023, 12063, 12064	
17495,	17522,	20369,	20394,	\if@RTLbibitems . . .	
17534,	17543,	20395,	20396,	. . . 87, 290, 572,	
17654,	17656,	20404,	20444,	707, 970, 1220,	
17660,	17664,	20445,	20446,	1893, 2069, 3053,	
17666,	17671,	21231,	21293,	7201, 7389, 7698,	
17675,	17678,	21294,	21295,	9260, 9531, 11368,	
17682,	17684,	21301,	21304,	13744, 15396,	
17688,	17713,	21351,	21411,	15981, 16752,	
17721,	17746,	21416,	21439,	17146, 17340,	
17759,	18045,	21446,	21506,	17543, 18073,	
18046,	18073,	21509,	21593,	18748, 19425, 20067	
18121,	18122,	21628,	21636,	\if@RTLcolumnfootnotes	
18123,	18125,	21663,	21664,	2071, 9913, 9914,	
18173,	18177,	21667,	21668,	9917, 9918, 9953,	
18366,	18374,	21670,	21707,	10005, 10061,	
18399,	18413,	21711,	21764,	10110, 10165,	





10217, 10274,	\if@thmmarks .. 16043,	\ifAM@output ..... 16187
10326, 10383,	16047, 16064, 16068	\ifAM@survey ..... 16165
10435, 10492,	\if@titlecentered .	\IfArgIsEmpty .....
10544, 10601,	..... 1341, 17027	. 17729, 18382, 19067
10653, 10710,	\if@titlepage .. 411,	\ifartopt ..... 15297
10762, 10819, 10871	625, 733, 932, 985,	\ifbeamer@centered 1628
\if@RTLmain .....	1184, 1235, 7520,	\ifbeamer@colbox@ignorebg
1503, 2054, 2088,	9283, 9376, 11383,	..... 1525, 1533
2107, 2366, 2373,	16664, 16778,	\ifbeamer@colbox@rounded
2392, 7916, 7939,	16915, 17114,	..... 1565
7962, 7985, 8369,	17177, 17374,	\ifbeamer@onlytextwidth
8853, 8978, 8981,	17797, 18451, 19136	..... 1610
8987, 8995, 9005,	\if@titlepageiscoverpage	\ifbeamercoloreempty 1524
9015, 9021, 9035,	. 17802, 18456, 19141	\ifbidi@autofootnoterule
11799, 12754,	\if@tocstyle@penalties	..... 1700,
12764, 12781,	..... 21214, 21323	1715, 1730, 11800,
12787, 14014,	\if@todonotes@authorgiven	12035, 12049, 12063
15598, 15755,	..... 21482,	\ifbidi@in@label ..
22259, 22480,	21493, 21518, 21535	..... 4339, 4341
22486, 22515, 22531	\if@todonotes@disabled	\IfbidiPackageVersion
\if@RTLmarginpar 2066,	..... 21476, 21477	..... 2041
22435, 22440, 22444	\if@todonotes@dviStyle	\IfbidiPackageVersionBefore
\if@RTLtab . 362, 363,	..... 21479, 21513	..... 2035
379, 382, 404, 406,	\if@ttb@rotate ... 11793	\IfbidiPackageVersionLater
1367, 1368, 1387,	\if@twocolumn ... 98,	..... 2029
1388, 1425, 1426,	218, 458, 591,	\ifblank ..... 1851
2060, 2691, 2695,	607, 634, 641,	\ifblendcolors 21675,
2696, 3305, 3311,	809, 856, 941, 952,	21696, 21718, 21745
7777, 7779, 7800,	1061, 1108, 1193,	\ifbool .... 14611, 14620
7807, 7829, 7830,	1200, 1311, 2108,	\ifcase 1408, 1435, 1439,
7843, 7854, 14429,	2114, 6673, 7118,	1443, 1447, 1473,
14431, 14542,	7295, 7505, 7567,	2158, 2164, 2170,
14545, 19774,	9326, 9423, 11426,	2176, 2182, 2188,
19778, 19779,	12532, 13756,	2200, 2206, 2212,
19796, 19804,	15260, 16646,	2219, 2233, 2240,
19810, 19835,	16673, 16680,	2250, 7831, 13101,
19923, 19924,	16854, 16901,	14494, 20033,
21887, 22062,	16995, 17123,	20414, 21283,
22066, 22067,	17130, 17239,	21353, 21463,
22087, 22095, 22096	17360, 17421,	21471, 21695,
\if@sectionentrywithdots	17963, 18617,	21744, 22146, 22147
..... 18262	19302, 20093,	\ifcat 2099, 2384, 4225, 4226
\if@sentedir ..... 2369	22131, 22405, 22564	\ifconvertcolorsU .
\if@specialpage ...	\if@twoside 6664, 9013,	..... 21681,
..... 11656, 22475	11660, 17844,	21697, 21724, 21746
\if@star ..... 16520	17888, 17966,	\ifcpoddpage ..... 5241
\if@tab@rl ..... 2060	17980, 18498,	\ifcsname .....
\if@tablecaptionabove	18542, 18620,	3348, 3354, 3699,
. 18232, 18906, 19583	18634, 19183,	4088, 4102, 4116,
\if@tempswa .....	19227, 19305,	4126, 4148, 4668,
1547, 1557, 1566,	19319, 21619, 22478	4683, 4897, 4905,
1581, 4894, 4939,	\if@vihproof 15626, 15632	16005, 16015,
8761, 8818, 17896,	\ifadl@inactive ... 1373	16029, 21238,
18550, 19235, 20899	\ifadl@usingarypkg 1376	21239, 21248,





21259,	21263,	14073,	14482,	12934,	12943,
21273,	21285,	14529,	14532,	12947,	12952,
21339,	21367,	15267,	15310,	12956,	12960,
21368,	21376,	15317,	15321,	12964,	12978,
21380,	21384,	15323,	15362,	12994,	13005,
21388,	21392,	15423,	15431,	13009,	13014,
21396,	21400, 21404	15433,	15523,	13018,	13022,
\ifdefined ...	3366, 3372	15531,	15533,	13026,	13033,
\ifdefining .....	4345	15608,	15619,	13039,	13046,
\ifdfn@allowcbreak		15703,	15711,	13052, 13058, 13064	
.....	8714, 8735	15717,	15731,	\ifhv@nonFloat	12846,
\ifdfn@ruleboth	8772, 8826	15739,	16215,	12853,	12871,
\ifdfn@trysingle ..		16262,	16287,	12892, 13084, 13086	
.....	8753, 8810	16345,	16356,	\ifhv@onlyText .....	
\ifdim	1461, 1462, 1544,	16363,	16368,	.....	12854, 12872
1546, 1547, 1552,		16383,	16496,	\ifhv@useOBox	12817, 12821
1554, 1556, 1558,		16521,	18157,	\ifHy@href@ismap .	13583
1559, 1575, 1591,		18832,	19509,	\ifHy@hyperfootnotes	
2030, 2036, 2042,		19821,	20754,	..	9588, 9602, 13120
5477, 6044, 6813,		20799,	20814,	\ifHy@nesting .....	
6850, 6852, 6911,		20819,	21249,	..	13169, 13180,
6912, 6914, 6920,		21274,	21340,	13191,	13202,
6960, 6972, 7054,		21596,	21598,	13217,	13232,
7056, 7069, 7071,		21600,	21602,	13292,	13330,
7079, 7750, 8194,		21603,	21604,	13363, 13394, 13425	
8209, 8253, 8256,		21606,	21646,	\ifHy@pdfa ...	13509,
8285, 8293, 8294,		21653, 22417, 22549		13543, 13574, 13603	
8300, 8323, 8330,		\iffalse .....		\ifin@ .....	4913
8336, 8352, 8358,		3237, 3238, 3240,		\ifin@label .....	4347
8427, 8443, 8456,		12354,	12355,	\ifinner ..	2762, 5708,
8459, 8461, 8708,		14124,	14597,	5752, 5796, 12242,	
8729, 8749, 8758,		14598, 16597, 16598		21588, 22322, 22366	
8785, 8789, 8806,		\IfFileExists ..	4623,	\ifL@grid .....	13934
8815, 8837, 8841,		5221,	6693, 6758	\ifL@realh .....	13870
9758, 9763, 9770,		\iffootdir@debug ..		\iflatin .....	3328
9775, 9782, 9787,		.....	11808, 11812	\ifLettrineImage .	13864
10983,	10987,	\ifFootnoteBackref@number	11808, 11812	\ifLettrineOnGrid	13865
10991,	11045,	.....	12166	\ifLettrineRealHeight	
11049,	11053,	\ifGin@grid .	16096, 16109	.....	13866
11491,	11493,	\ifGin@iso .....	12743	\ifLettrineSelfRef	13867
11636,	12168,	\ifhbox	10925, 10934, 10938	\ifLtoR .....	3298
12173,	12180,	\ifhmode .....		\ifLtoRhboxconstruct	
12185,	12192,	1913, 2756, 5702,		.....	3322
12197,	12239,	5746, 5790, 6033,		\ifLtoRtable .....	3310
12247,	12263,	6039, 7864, 7866,		\ifmaskcolors .	21685,
12264,	12294,	7873, 7879, 7898,		21696, 21728, 21745	
12302,	12315,	19995,	21668,	\ifmmode .....	
12330,	12363,	21670,	21707,	2357, 7858, 7863,	
12364,	12646,	21711,	21764,	11606,	11616,
12653,	12692,	22042,	22043,	12626,	12628,
12699,	12744,	22086, 22316, 22360		12631,	12632,
12834,	12972,	\ifhv@fbox ...	12903,	12633,	12639,
12988,	13919,	12909,	12916,	12641,	12658,
13933,	13939,	12922,	12928,	12661,	12668,



12677,	12683,	11481,	11769,	18702,	18717,
12687,	12690,	11771,	11773,	18720,	18724,
12704,	12729,	11782,	11784,	19047,	19058,
12736,	13480,	11786,	11932,	19128,	19229,
13492,	13495,	12035,	12049,	19276,	19303,
13531,	13563,	12063,	12363,	19352,	19398,
13592,	13618,	12365,	12553,	19401,	19866,
16198,	16256,	13482,	13487,	19914,	19915,
16488,	16524,	13784,	13926,	19916,	19917,
17654,	17656,	13986,	14044,	19919,	20024,
17660,	17664,	14047,	14055,	20026,	20145,
17666,	17671,	14058,	14127,	20149,	20191,
17675,	17678,	14443,	14444,	20210,	20232,
17682,	17684,	14524,	14525,	20249,	20266,
17688,	21663,	15261,	15294,	20283,	20300,
21667,	21978,	15420,	15450,	20318,	20337,
\ifNAT@openbib ...	15984	15520,	15550,	20357,	20392,
\ifnonlatin .....	3334	15639,	15651,	20575,	20576,
\ifnum .....	3,	15663,	15763,	20687,	20688,
137, 143, 198, 304,		15769,	15847,	20715,	20725,
353, 354, 355, 356,		15865,	16024,	20739,	21213,
358, 459, 508, 525,		16034,	16275,	21218,	21236,
551, 560, 644, 660,		16281,	16293,	21409,	21627,
678, 810, 871, 904,		16296,	16297,	21909,	22092,
922, 1062, 1127,		16298,	16300,	22093,	22107,
1143, 1161, 1312,		16301,	16302,	22162,	22413,
1378, 1379, 1380,		16303,	16312,	22435, 22558, 22559	
1381, 1383, 1422,		16334,	16339,	\ifodd 2773, 6664, 8986,	
1423, 1700, 1715,		16350,	16361,	9014, 9085, 11661,	
1730, 1852, 2278,		16362,	16368,	12774, 12780,	
2279, 2280, 2788,		16372,	16375,	21619, 22409, 22479	
3124, 3623, 4199,		16376,	16482,	\ifoddpagel ...	5235
4227, 4229, 4237,		16483,	16490,	\ifonelinecaptions	
4239, 4440, 4450,		16535,	16683,	. 18130, 18805, 19482	
4548, 4554, 4579,		16699,	16715,	\ifpgfrememberpicturepositiononpage	
4594, 4600, 6933,		16773,	16775,	.....	16211
7137, 7153, 7169,		16777,	16855,	\ifpoem@started 6907,	
7233, 7235, 7237,		16996,	17055,	6913, 7053, 7060, 7074	
7314, 7330, 7346,		17071,	17087,	\ifprimitive ..	3400, 3407
7410, 7412, 7414,		17138,	17140,	\ifPst@shift@star	16512
7474, 7568, 7617,		17142,	17240,	\ifr@ggedbottom ..	16462
7632, 7655, 7657,		17287,	17301,	\ifrot@messages ...	
7659, 7669, 7751,		17327,	17329,	.....	17624, 17636
8018, 8026, 8031,		17331,	17422,	\ifRtoL .....	3292
8038, 8248, 8249,		17471,	17486,	\ifRtoLhboxconstruct	
8262, 8273, 8409,		17509,	17511,	.....	3316
8421, 8434, 8649,		17513,	17523,	\ifRtoLtable .....	3304
9204, 9218, 9231,		17709,	17720,	\ifshowgrid .....	16490
9240, 9327, 9424,		17789,	17890,	\ifsomething .....	4478
9473, 9487, 9489,		17937,	17964,	\Ifstr ..	20457, 20458,
9491, 9501, 9919,		18013,	18362,	20459,	20460,
11308, 11323,		18373,	18443,	20461,	20462,
11340, 11427,		18544,	18591,	20463,	20464,
11477, 11479,		18618,	18667,	20465,	20480,



20481,	20482,	3007, 3024, 3028,	11276,	11291,
20483,	20485,	3032, 3040, 5134,	12098,	12323,
20486,	20487,	5194, 5196, 5199,	12344,	12499,
20490,	20493,	5203, 5206, 5209,	12504,	12522,
20502,	20503,	5234, 5291, 5310,	12524,	12533,
20504,	20507,	5325, 5330, 5336,	12543,	12563,
20510,	20529,	5345, 5356, 5362,	12564,	12568,
20530,	20531,	5368, 5369, 5376,	12579,	12586,
20533,	20534,	5383, 5385, 5391,	13659,	13663,
20535,	20538,	5408, 5426, 5428,	14542,	14642,
20541,	20550,	5432, 5450, 5451,	15678,	15833,
20551,	20552,	5454, 5455, 5490,	15835,	15849,
20555,	20558,	5499, 5510, 5520,	15850,	15894,
20616,	20617,	5569, 5684, 5908,	15898,	15902,
20618,	20619,	5926, 5927, 5945,	16390,	16456,
20620,	20621,	5946, 5964, 5965,	16458,	16463,
20622,	20623,	5996, 5997, 6115,	21769,	21822,
20624,	20639,	6120, 6144, 6149,	21832,	22264,
20640,	20641,	6173, 6178, 6255,	22279, 22280, 22303	
20642,	20644,	6259, 6307, 6520,	\ifWF@float . 21601, 21615	
20645,	20646,	6566, 6575, 6583,	\ifx . 115, 134, 136, 151,	
20649,	20652,	6610, 6657, 6726,	155, 159, 166, 794,	
20661,	20662,	6737, 8553, 8559,	798, 1046, 1050,	
20663,	20666,	8576, 8579, 8580,	1296, 1300, 1563,	
20669,	20924,	8581, 8582, 8583,	1564, 1763, 1789,	
20925,	20926,	8669, 8674, 8677,	1815, 2288, 2289,	
20927,	20928,	8678, 8679, 8680,	2639, 2645, 2651,	
20929,	20930,	8681, 8684, 8688,	2666, 2697, 2749,	
20931,	20932,	11742, 11757,	2752, 3013, 3014,	
21001,	21002,	16155, 17578, 17623	3015, 3017, 3117,	
21003,	21004,	\Iftocfeature . 20595,	3146, 3149, 3169,	
21006,	21007,	20707, 20765, 20775	3173, 3193, 3197,	
21008,	21011,	\iftocstyle@autolength	3212, 3216, 3286,	
21014,	21023,	..... 21258	3355, 3373, 3662,	
21024,	21025,	\iftocstyle@indentnotnumbered	3850, 3866, 4205,	
21028,	21031,	..... 21303, 21350	4211, 4212, 4249,	
21061,	21062,	\iftrue ..... 3239,	4250, 4251, 4252,	
21063,	21065,	5649, 5662, 5675	4262, 4268, 4293,	
21066,	21067,	\ifttl@label ..... 20000	4298, 4303, 4308,	
21070,	21073,	\ifTX@ ..... 19856	4314, 4319, 4507,	
21082,	21083,	\ifvbox ..... 11236,	4613, 4637, 4652,	
21084,	21087,	12600, 15890, 15905	4717, 4729, 4761,	
21090,	21110,	\ifvmode .. 3447, 3501,	4772, 4807, 4813,	
21113,	21116,	3558, 5052, 5438,	4824, 4825, 4836,	
21136,	21140,	5441, 5444, 5447,	4866, 4875, 4876,	
21145,	21157,	14626, 15693,	4896, 4911, 4921,	
21160,	21164,	16054, 16074, 19808	4935, 4942, 4954,	
21174, 21178, 21183		\ifvoid ... 8086, 8102,	4970, 5025, 5036,	
\Ifstrstart ... 20915,		8145, 8161, 8216,	5978, 6802, 6823,	
20947, 20975,		8403, 8712, 8733,	6976, 7028, 7033,	
20988, 21047, 21199		8744, 8769, 8801,	7035, 8062, 8125,	
\iftagsleft@ .. 328, 9043		8823, 9808, 9809,	8781, 8833, 9550,	
\iftest ..... 4282		9817, 9823, 9847,	9566, 9570, 11539,	
\ifthenelse .....		9848, 9864, 9876,	11575, 11929,	



12207,	12408,	17995,	17999,	1602, 1606, 1611,
12457,	12495,	18000,	18008,	1623, 1633, 1661,
12672,	12714,	18061,	18395,	1678, 1695, 1710,
12715,	12721,	18431,	18438,	1725, 1740, 4036,
12808,	12810,	18495,	18496,	4526, 4542, 4544,
12816,	12827,	18503,	18511,	4550, 4553, 4556,
12829,	12832,	18518,	18524,	4560, 4565, 5461,
12833,	12850,	18546,	18562,	5468, 5469, 5478,
12856,	12857,	18569,	18577,	6065, 6083, 6101,
12859,	12862,	18585,	18597,	6137, 6166, 6195,
12874,	12875,	18604,	18619,	6460, 6884, 6895,
12877,	12880,	18620,	18624,	7048, 7049, 7196,
12889,	12891,	18625,	18633,	7384, 7754, 7760,
12900,	12902,	18634,	18638,	7873, 7879, 7887,
12915,	12942,	18639,	18648,	7894, 9555, 9569,
12951,	12971,	18649,	18653,	9633, 9639, 9645,
12987,	13004,	18654,	18662,	11986, 12003,
13013,	13032,	18735,	19080,	12019, 12046,
13045,	13079,	19116,	19123,	12060, 12074,
13085,	13098,	19180,	19181,	12756, 12760,
13129,	13140,	19188,	19196,	12765, 12770,
13151,	13458,	19203,	19209,	13816, 13835,
13461,	13464,	19231,	19247,	14581, 15384,
13467,	13511,	19254,	19262,	15391, 16669,
13519,	13545,	19270,	19282,	16678, 17119,
13553,	13576,	19289,	19304,	17128, 17654,
13605,	13809,	19305,	19309,	17664, 17682,
13830,	13872,	19310,	19318,	21707, 21711,
13892,	14084,	19319,	19323,	21954, 21993,
14085,	14089,	19324,	19333,	22002, 22011, 22020
14091,	14448,	19334,	19338,	\iii ..... 4586
15371,	15412,	19339,	19347,	\ilg ..... 16284, 16307
15512,	15777,	19412,	19816,	\immediate ... 5049, 7040
15782,	15787,	20035,	20377,	\in@ ..... 4912
16010,	16014,	20730,	20736,	\includegraphics ..
16021,	16027,	20782,	20786,	.... 3048, 8555,
16171,	16183,	20790,	20898,	8686, 16084, 16157
16453,	16505,	21225,	21296,	\includemedia .....
16546,	16559,	21308,	21316,	. 14846, 15176, 15177
16572,	16839,	21333,	21358,	\includepdf ..... 16148
16843,	16980,	21425,	21430,	\indentedwidth .... 9568
16984,	17742,	21432,	21676,	\index ..... 4464,
17777,	17784,	21719,	21852,	4465, 11714, 22503
17841,	17842,	21962,	21965,	\indexname ..... 598,
17849,	17857,	21972,	22133,	599, 600, 614,
17864,	17870,	22141,	22180,	615, 863, 864,
17892,	17908,	22227,	22492,	1115, 1116, 6480,
17915,	17923,	22493, 22495, 22496		6481, 7125, 7126,
17931,	17943,	\ifXC@tst . 21699, 21748		7302, 7303, 7512,
17950,	17965,	\ignorespaces ... 46,		7513, 7514, 16653,
17966,	17970,	60, 76, 122, 249,		16654, 16908,
17971,	17979,	263, 278, 336,		16909, 17367,
17980,	17984,	630, 639, 937,		17368, 17369,
17985,	17994,	1189, 1198, 1555,		20102, 20103,



20104, 20108,	22698, 22699,	..... 11937, 12553
20109, 20110,	22700, 22701,	\inserttocsubsection
20113, 20114,	22702, 22703,	..... 1930
20120, 20121,	22704, 22705,	\inserttocsubsubsection
20125, 20126,	22706, 22707,	..... 1934
20127, 20130, 20131	22708, 22709,	\int .... 14900, 14947,
\indexspace ..... 6496	22710, 22711,	14948, 14952,
\input .... 2155, 2156,	22712, 22713,	15030, 15118,
2270, 2363, 2439,	22714, 22715,	15121, 15122,
2860, 6694, 6759,	22716, 22717,	15133, 15171,
22563, 22573,	22718, 22719, 22720	15209, 15234, 16120
22574, 22575,	\input@path ..... 14867	\interfootnotelinepenalty
22576, 22577,	\InputIfFileExists	.. 39, 53, 69, 242,
22578, 22579,	.. 4611, 4620, 13883	256, 271, 9839,
22580, 22581,	\insert ..... 35,	11977, 11994, 12010
22582, 22583,	49, 65, 238, 252,	\interlinepenalty 39,
22584, 22585,	267, 2105, 2390,	53, 69, 242, 256,
22586, 22587,	8703, 8719, 8724,	271, 558, 622,
22588, 22589,	8740, 8787, 8793,	647, 874, 929,
22590, 22591,	8839, 8845, 9649,	1123, 1130, 6372,
22592, 22593,	9663, 9677, 9943,	7133, 7140, 7310,
22594, 22595,	9953, 9963, 10052,	7317, 7481, 7676,
22596, 22597,	10061, 10070,	7684, 8406, 8418,
22598, 22600,	10155, 10165,	8431, 9238, 9251,
22601, 22605,	10175, 10264,	9508, 9517, 9839,
22611, 22618,	10274, 10284,	11345, 11353,
22619, 22620,	10373, 10383,	11977, 11994,
22621, 22622,	10393, 10482,	12010, 15643,
22623, 22624,	10492, 10502,	15655, 15667,
22625, 22626,	10591, 10601,	16539, 16661,
22627, 22628,	10611, 10700,	16686, 17058,
22629, 22630,	10710, 10720,	17111, 17173,
22631, 22632,	10809, 10819,	17528, 17536,
22633, 22634,	10829, 11068,	19992, 20033,
22635, 22636,	11086, 11098,	20167, 20198,
22637, 22638,	11973, 11990,	20221, 20238,
22639, 22640,	12006, 12523,	20255, 20272,
22641, 22642,	12525, 15834, 15836	20289, 20306,
22643, 22644,	\insert@column ....	20324, 20343,
22645, 22646,	.... 1410, 1411,	20363, 20398,
22647, 22648,	1412, 1413, 1415,	20781, 21299,
22649, 22650,	1416, 1476, 1478,	21413, 21594, 22111
22651, 22652,	1479, 1481, 1482,	\intermath@penalty 7753
22653, 22654,	1483, 7834, 7836,	\intextsep . 21654, 21656
22655, 22656,	7837, 7839, 7840, 7841	\InTheoType .....
22657, 22658,	\insertcaption .... 1989	... 9059, 16044,
22659, 22660,	\insertcaptionname 1986	16046, 16065, 16067
22661, 22662,	\insertfootnotemark	\ior .. 14950, 14951, 14955
22663, 22665,	..... 1639,	\isempty .. 5310, 5908,
22666, 22667,	1644, 1960, 1967, 1974	6115, 6120, 6144,
22668, 22669,	\insertfootnotetext	6149, 6173, 6178,
22670, 22693,	..... 1638,	6566, 6575, 6583, 6610
22694, 22695,	1643, 1960, 1967, 1974	\isodd ..... 17578, 17623
22696, 22697,	\insertpenalties ..	\isSC@ODD .... 19707,



19708, 19710, 19711, 22673, 22675, 22677, 22679	\JustifyingParfillskip ..... 16590	15759, 15806, 15808, 15809, 15810, 16462, 16473, 16476, 16503, 16519, 16739, 16740, 16742, 16745, 16746, 16748, 16789, 16928, 17162, 17163, 17165, 17168, 17169, 17171, 17319, 17321, 17323, 17325, 17501, 17503, 17505, 17507, 17776, 17780, 17783, 17786, 17787, 18181, 18183, 18430, 18434, 18437, 18440, 18441, 18856, 18858, 19115, 19119, 19122, 19125, 19126, 19533, 19535, 19743, 19749, 20006, 21629, 21633, 21639, 21642, 21664, 21823, 21833, 21863, 21866, 21868, 22432
\isundefined .....	\JustifyingParindent ..... 5189, 5860, 6419, 16591	
..... 5520, 5569, 8553, 8559, 8576, 8579, 8580, 8581, 8582, 8583, 8674, 8677, 8678, 8679, 8680, 8681, 8684, 8688	<b>K</b> \keepthetitle .... 15243	
\item ..... 102, 222, 603, 618, 867, 950, 1119, 6452, 6460, 6465, 6486, 7129, 7306, 7517, 11611, 11626, 13760, 16657, 16912, 17372, 20137	\kern ... 27, 29, 30, 31, 231, 233, 234, 235, 336, 539, 541, 543, 545, 723, 724, 726, 729, 730, 732, 744, 959, 961, 964, 966, 996, 1203, 1204, 1206, 1209, 1210, 1212, 1246, 1474, 1479, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2581, 2582, 2629, 2631, 2632, 5659, 5660, 5670, 5671, 5673, 6138, 6139, 6167, 6168, 6196, 6197, 7217, 7218, 7220, 7223, 7224, 7226, 7247, 7370, 7371, 7373, 7376, 7377, 7379, 7424, 7647, 7649, 7651, 7653, 7832, 7837, 7859, 8698, 8699, 9129, 9136, 9144, 9151, 9190, 9194, 9276, 9278, 9280, 9282, 9575, 9577, 9579, 9581, 9624, 9625, 9751, 9752, 11358, 11360, 11362, 11364, 11502, 11503, 11504, 11746, 11889, 11891, 11892, 11893, 11894, 11895, 11927, 12212, 12276, 12654, 12700, 13770, 13772, 13773, 13774, 13844, 13846, 13848, 13850, 14581, 15702, 15758,	
\itemindent .... 6447, 6448, 6456, 21916		
\itemize ..... 1850		
\itemsep ..... 1899, 5183, 6393, 6432, 6446		
\itemx ..... 15909		
\itemxox ..... 15944		
\itemxoxx ..... 15954		
\itemxx ..... 15912		
\itemxxo ..... 15949		
\itemxxx ..... 15961		
\itemxxx ..... 15917		
\itemxxxo ..... 15968		
\itemxxxx ..... 15924		
\itemxxxxx ..... 15933		
\itshape .. 2547, 3020, 6256, 6258, 6262, 6269, 6276, 6311, 6318, 6325, 6332, 6339, 6643, 6644, 6645		
<b>J</b>		
\j ..... 4600, 4601, 4605		
\jua@ht ..... 15439, 15446, 15539, 15546, 15615, 15622		
\jua@pr ..... 15422, 15452, 15522, 15552		
\jua@sar ..... 15421, 15451, 15493, 15521, 15551, 15590		
\jua@sk . 15420, 15450, 15493, 15520, 15550, 15590, 15623		
\justifying .... 5217, 5287, 5857, 16584		
		\keys ... 14663, 14859, 14953, 15192, 15193
		\keywords ..... 324
		\kill ..... 14445
		\KOMAClassName .... .. 17736, 17909, 17916, 17938, 17944, 17951, 18139, 18148, 18239, 18389, 18563, 18570, 18592, 18598, 18605, 18814, 18823, 18913, 19074, 19248, 19255, 19277, 19283, 19290, 19491, 19500, 19590
		\KV@do ..... 13900, 13905
		\KV@errx .. 1755, 1758, 1761, 1781, 1784,



1787, 1807, 1810, 1813  
\KV@prefix . 13898, 13903

## L

\l . . . . . 9085, 9101,  
9104, 9110, 9113,  
9115, 9116, 9119,  
9120, 9123, 9126,  
9127, 9128, 9133,  
9134, 9135, 9141,  
9142, 9143, 9148,  
9149, 9150, 9159,  
9162, 9170, 14671,  
14673, 14679,  
14681, 14687,  
14688, 14689,  
14690, 14691,  
14692, 14693,  
14694, 14695,  
14696, 14697,  
14699, 14700,  
14702, 14703,  
14704, 14711,  
14712, 14713,  
14715, 14717,  
14720, 14721,  
14728, 14738,  
14739, 14740,  
14741, 14742,  
14743, 14744,  
14745, 14746,  
14747, 14748,  
14749, 14750,  
14751, 14752,  
14756, 14757,  
14758, 14760,  
14762, 14765,  
14766, 14768,  
14769, 14770,  
14779, 14789,  
14790, 14791,  
14792, 14793,  
14794, 14795,  
14796, 14797,  
14803, 14805,  
14806, 14807,  
14810, 14812,  
14814, 14819,  
14820, 14821,  
14823, 14825,  
14830, 14832,  
14834, 14842,  
14853, 14854,  
14869, 14870,

14871, 14872,  
14890, 14910,  
14918, 14923,  
14937, 14942,  
14946, 14947,  
14948, 14950,  
14951, 14952,  
14955, 14959,  
14961, 14962,  
14963, 14964,  
14965, 14966,  
14967, 14969,  
14970, 14971,  
14972, 14974,  
14975, 14976,  
14978, 14979,  
14980, 14983,  
14984, 14985,  
14988, 15021,  
15023, 15026,  
15051, 15053,  
15085, 15089,  
15101, 15102,  
15148, 15158,  
15164, 15176,  
15177, 15196,  
15197, 15198,  
15199, 15200,  
15201, 15202,  
15203, 15204,  
15239, 15240,  
16122, 16124, 16133  
\l@ . . . . . 20408  
\l@addto@macro . . . .  
. 17719, 18372, 19057  
\L@ante 13859, 13949, 13983  
\l@chapter 7176, 7190,  
7353, 7367, 7631,  
11322, 16722,  
16736, 17094,  
17108, 17300,  
17485, 20057,  
20058, 20190, 21378  
\l@color . . . 13888, 13889  
\l@figure . . . . . 6380,  
6381, 20299, 21406  
\L@Findent . . . . .  
. 13860, 13951, 13984  
\L@first 13923, 13925,  
13927, 13929,  
13933, 13939,  
13941, 13943,  
13945, 13949,  
13950, 13952,

13953, 13962, 13964  
\L@gridfalse . . . . . 13865  
\L@gridtrue . . . . . 13865  
\L@hang . . . . . 13856, 13948  
\L@imagefalse . . . . . 13864  
\L@imagetrue . . . . . 13864  
\l@initial . . . . . 13853  
\L@lbox . 13902, 13909,  
13910, 13911,  
13947, 13948, 13983  
\l@LOKeys . . . . . 13893,  
13895, 13900, 13905  
\L@lraise . . . . . 13924,  
13925, 13930, 13983  
\L@next . 13955, 13956,  
13969, 13971, 13974  
\l@ngrel@x 3662, 3663, 3665  
\L@Nindent . . . 13861,  
13954, 13956,  
13958, 13971, 13973  
\L@novskip . . . . .  
. 13863, 13933, 13937  
\L@oversize . . . . .  
. 13857, 13914, 13919  
\l@paragraph 20265, 21394  
\L@parshape . . . . .  
. . 13962, 13964,  
13969, 13971,  
13977, 13979, 13982  
\l@part . 507, 659, 677,  
903, 921, 1142,  
1160, 7152, 7168,  
7329, 7345, 7616,  
9217, 9472, 11307,  
16698, 16714,  
17070, 17086,  
17286, 17470,  
20054, 20055,  
20143, 21370, 21373  
\L@Pindent . . . 13947,  
13948, 13950,  
13951, 13953,  
13954, 13957, 13964  
\L@raise . . . 13858, 13924  
\L@realhfalse . . . . . 13866  
\L@realhtrue . . . . . 13866  
\l@refstring . . . . . 13853  
\l@section . . . . . 524,  
685, 698, 887,  
900, 1169, 1182,  
9203, 20209, 21382  
\L@selfreffalse . . 13867  
\L@selfreftrue . . . 13867



<code>\L@slope</code> . . . . .	15940, 15942,	1355, 6311, 6318,
. 13862, 13973, 13974	15945, 15947,	6400, 6643, 7254,
<code>\l@subfigure</code> . . . . . 20336	15950, 15952,	7431, 7532, 7603,
<code>\l@subparagraph</code> . . . . .	15955, 15957,	8638, 9293, 9358,
. . . . . 20282, 21398	15959, 15962,	9388, 9459, 11393,
<code>\l@subsection</code> 20231, 21386	15964, 15966,	11458, 16796,
<code>\l@subsubsection</code> . . . . .	15969, 15971,	16886, 16935,
. . . . . 20248, 21390	15973, 16757,	17032, 17043,
<code>\l@subtable</code> . . . . . 20356	17151, 17345,	17199, 17386, 17457
<code>\l@table</code> 6381, 20317, 21402	17548, 18080,	<code>\Large</code> . . . . . 561,
<code>\L@target@dp</code> . . . . . 13930	18755, 19432, 20072	6262, 6325, 6399,
<code>\L@target@tth</code> . . . . .	<code>\labelwidth</code> . . . . . 89,	6644, 6645, 8549,
. 13916, 13924, 13929	90, 292, 293, 575,	8642, 9241, 17275
<code>\L@tbox</code> . 13869, 13877,	576, 710, 711,	<code>\large</code> . . . . . 425,
13922, 13927, 13985	973, 974, 1223,	431, 496, 502, 516,
<code>\l@textcolor</code> 13890, 13891	1224, 1885, 1896,	668, 758, 768, 843,
<code>\label</code> 3044, 5339, 5341,	1897, 3058, 3060,	849, 912, 1010,
5343, 5347, 5399,	6410, 6411, 7204,	1020, 1095, 1101,
11713, 12145,	7205, 7392, 7393,	1151, 1260, 1270,
12151, 12864,	7701, 7702, 9263,	1346, 1352, 1356,
12882, 18133,	9264, 9534, 9535,	1361, 6269, 6332,
18808, 19485, 22502	11371, 11372,	6398, 7161, 7261,
<code>\labelitemi</code> . 743, 995,	12368, 13746,	7271, 7338, 7438,
1058, 1245, 7246,	13747, 15910,	7448, 7534, 7540,
7423, 16788, 16927	15913, 15915,	7605, 7611, 7625,
<code>\labelname</code> . . . 15910,	15918, 15920,	8548, 8550, 8641,
15913, 15915,	15922, 15925,	8643, 9226, 9295,
15918, 15920,	15927, 15929,	9301, 9360, 9366,
15922, 15925,	15931, 15934,	9390, 9396, 9461,
15927, 15929,	15936, 15938,	9467, 9480, 11316,
15931, 15934,	15940, 15942,	11395, 11401,
15936, 15938,	15945, 15947,	11460, 11466,
15940, 15942,	15950, 15952,	16707, 16803,
15945, 15947,	15955, 15957,	16813, 16888,
15950, 15952,	15959, 15962,	16894, 16942,
15955, 15957,	15964, 15966,	16952, 17034,
15959, 15962,	15969, 15971,	17040, 17044,
15964, 15966,	15973, 16755,	17049, 17079,
15969, 15971, 15973	16756, 17149,	17201, 17207,
<code>\labelsep</code> . . . . . 85,	17150, 17343,	17294, 17388,
90, 288, 293, 577,	17344, 17546,	17394, 17459,
712, 975, 1225,	17547, 18078,	17465, 17479,
1877, 1898, 3059,	18079, 18753,	20705, 21138, 21176
3061, 6409, 6411,	18754, 19430,	<code>\Largr</code> . . . . . 2551
6468, 7206, 7394,	19431, 20070, 20071	<code>\Largs</code> . . . . . 2550
7703, 9265, 9536,	<code>\landscape</code> . 14559, 16140	<code>\lastbox</code> . . . . . 8193,
11373, 13742,	<code>\langle</code> . . . . . 2548	10902, 10924,
13747, 15910,	<code>\Larg</code> . . . . . 2547,	10933, 10937,
15913, 15915,	2548, 2549, 2550, 2551	14623, 16390,
15918, 15920,	<code>\Larga</code> . . . . . 2548	21769, 21821, 21831
15922, 15925,	<code>\Largb</code> . . . . . 2549	<code>\LastFrameCommand</code> .
15927, 15929,	<code>\LARGE</code> . . . . . 423, 494,	. . . . . 12230, 12340
15931, 15934,	751, 841, 1003,	<code>\lastkern</code> . . . 6044, 12315
15936, 15938,	1093, 1253, 1344,	<code>\lastpenalty</code> . 7751, 21218





<code>\lastrule</code> . . . . .	7798	16521,	16542,	712, 947, 974, 975,
<code>\lastskip</code> . . . . .	5477,	16692,	16706,	1224, 1225, 1885,
	7079, 7080, 7750	16729,	16789,	1897, 1898, 3060,
<code>\LastTOCLevelWasHigher</code>		16928,	17064,	3061, 5180, 6390,
. . . . .	21108	17078,	17101,	6449, 6450, 6457,
<code>\LastTOCLevelWasLower</code>		17293,	17308,	6463, 7205, 7206,
. . . . .	21104	17478,	17493,	7393, 7394, 7702,
<code>\LastTOCLevelWasSame</code>		17786,	18440,	7703, 9264, 9265,
. . . . .	21106	19125,	19723,	9535, 9536, 11372,
<code>\LaTeX</code> . . . . .	13640,	19774,	19998,	11373, 13747,
	21855, 21856, 21868	20021,	20168,	16539, 16756,
<code>\LaTeXe</code> . . . . .	21857, 21858	20199,	20222,	16757, 17150,
<code>\LBEG</code> . . . . .	2552	20239,	20256,	17151, 17344,
<code>\lcb</code> . . . . .	2549, 2552, 2553, 2556	20273,	20290,	17345, 17547,
<code>\lccode</code> . . . . .	4227,	20307,	20325,	17548, 17724,
	4229, 21620, 21621	20344,	20364,	18079, 18080,
<code>\Lcs</code> . . . . .	2563	20399,	20592,	18377, 18754,
<code>\LcsStar</code> . . . . .	2564	20704,	20795,	18755, 19062,
<code>\leaders</code> . . . . .		21300,	21414,	19431, 19432,
	18440, 19125,	21663,	21860,	20071, 20072,
	19756, 20048,	21865,	21867,	21926, 21929,
	21309, 21418, 22116	21875, 21882,		21939, 21943,
<code>\leavevmode</code> . . . . .	14,	21956, 22062, 22112		21951, 21988,
	209, 305, 378, 515,	<code>\left</code> . . . . .	21876, 21883, 21889	21990, 21991,
	532, 653, 667, 692,	<code>\left@footnoterule</code>		21992, 21997,
	744, 881, 894,		30, 234, 415, 538,	21999, 22000,
	911, 996, 1059,		722, 739, 958, 991,	22001, 22006,
	1136, 1150, 1176,		1202, 1241, 1700,	22008, 22009,
	1246, 1518, 1606,		1730, 7216, 7242,	22010, 22015,
	1616, 1631, 1892,		7369, 7419, 7524,	22017, 22018, 22019
	1930, 1933, 1983,		7646, 9275, 9287,	<code>\leftmargini</code> . . . . .
	2681, 2989, 3448,		9380, 9574, 11357,	5180,
	3502, 3559, 6032,		11387, 11892,	6390, 6403, 6410
	6373, 6841, 6917,		11898, 11911,	<code>\leftmarginii</code> . . . . .
	7146, 7160, 7183,		11913, 12049,	6404
	7247, 7323, 7337,		12063, 13773,	<code>\leftmarginiii</code> . . . . .
	7360, 7424, 7624,		13843, 14560,	6405
	7639, 7719, 7720,		14562, 16738,	<code>\leftmarginiv</code> . . . . .
	7858, 7910, 9211,		16784, 16921,	6406
	9225, 9479, 9977,		17161, 17181,	<code>\leftmarginv</code> . . . . .
	10083, 10189,		17318, 17378,	6407
	10298, 10407,		17500, 17774,	<code>\leftmarginvi</code> . . . . .
	10516, 10625,		17833, 18428,	6408
	10734, 10843,		18487, 19113, 19172	<code>\leftmarginwidth</code> . . . . .
	11315, 11330,			17315
	11611, 11626,	<code>\leftfootnoterule</code> .		<code>\leftmark</code> . . . . .
	12077, 12642,		2191, 8695, 9621,	6740
	12688, 12708,		11896, 11899,	<code>\leftskip</code> . . . . .
	13498, 13535,		12137, 12613, 22566	12,
	13567, 13776,	<code>\leftline</code> . . . . .	16485,	13, 207, 208, 305,
	13795, 14618,		22034, 22040, 22042	309, 513, 530, 533,
	15644, 15656,	<code>\leftlinenumber</code> . .		534, 624, 637, 648,
	15668, 16389,	. . . . .	14017, 14020	649, 654, 665, 690,
	16470, 16475,	<code>\leftmargin</code> . . . . .	90,	693, 694, 875, 876,
			293, 576, 577, 711,	882, 892, 895, 896,
				909, 931, 1125,
				1131, 1132, 1137,
				1148, 1174, 1177,
				1178, 1196, 1543,
				1544, 1548, 1921,
				6367, 6375, 6376,
				6947, 7135, 7141,
				7142, 7147, 7158,



7181, 7184, 7185,	20285,	20286,	1078, 1079, 1080,
7312, 7318, 7319,	20287,	20295,	1081, 1082, 1083,
7324, 7335, 7358,	20302,	20303,	1084, 1085, 1092,
7361, 7362, 7622,	20304,	20312,	1119, 1228, 1239,
7637, 7640, 7641,	20320,	20321,	1240, 1241, 1242,
7773, 7774, 7775,	20322,	20330,	1243, 1281, 1282,
7901, 7902, 7908,	20339,	20340,	1283, 1284, 1285,
9209, 9212, 9213,	20341,	20349,	1286, 1287, 1288,
9223, 9477, 9893,	20359,	20360,	1289, 1290, 1325,
11218, 11227,	20361,	20369,	1326, 1327, 1328,
11313, 11328,	20394,	20395,	1329, 1330, 1331,
11331, 11332,	20396,	20404,	1332, 1333, 1334,
13793, 13794,	20444,	20445,	1335, 1343, 1369,
14605, 15277,	20446,	21231,	1370, 1374, 1390,
15278, 15641,	21293,	21294,	1391, 1392, 1428,
15645, 15646,	21295,	21301,	1429, 1430, 1455,
15653, 15658,	21304,	21351,	1456, 1457, 1458,
15665, 15670,	21411,	21416,	1463, 1498, 1499,
16550, 16552,	21439,	21446,	1700, 1715, 1730,
16563, 16565,	21815,	21816,	1743, 1744, 1745,
16576, 16578,	22023,	22049,	1752, 1753, 1754,
16587, 16589,	22050, 22109, 22114		1755, 1756, 1761,
16663, 16676,	\LEND . . . . . 2553		1762, 1778, 1779,
16687, 16688,	\leqno . . . . 328, 16481,		1780, 1781, 1782,
16693, 16704,	16483, 22557, 22559		1787, 1788, 1804,
16727, 16730,	\let . . . . . 86,		1805, 1806, 1807,
16731, 17059,	102, 115, 152, 153,		1808, 1813, 1814,
17060, 17065,	156, 157, 160, 161,		1885, 1903, 1905,
17076, 17099,	164, 222, 289, 319,		1925, 1927, 1944,
17102, 17103,	327, 328, 347, 379,		1946, 1948, 2094,
17113, 17126,	380, 383, 400, 404,		2096, 2098, 2228,
17175, 17291,	408, 413, 414, 415,		2229, 2236, 2323,
17306, 17309,	416, 417, 418, 419,		2379, 2381, 2383,
17310, 17315,	437, 438, 439, 440,		2415, 2488, 2489,
17316, 17476,	441, 442, 443, 444,		2490, 2491, 2492,
17491, 17494,	445, 446, 447, 448,		2493, 2494, 2495,
17495, 17716,	472, 473, 474, 475,		2496, 2497, 2498,
18369, 19054,	476, 477, 478, 479,		2636, 2637, 2638,
19990, 20002,	480, 481, 482, 483,		2665, 2682, 2683,
20019, 20040,	484, 491, 492, 493,		2684, 2685, 2686,
20042, 20047,	580, 603, 618, 715,		2687, 2688, 2689,
20051, 20052,	737, 738, 739, 740,		2690, 2692, 2693,
20163, 20164,	741, 779, 780, 781,		2694, 2804, 2805,
20165, 20173,	782, 783, 784, 785,		2806, 2807, 2808,
20194, 20195,	786, 787, 788, 823,		2809, 2810, 2811,
20196, 20204,	824, 825, 826, 827,		2812, 3064, 3073,
20217, 20218,	828, 829, 830, 831,		3146, 3164, 3188,
20219, 20227,	832, 833, 840, 867,		3207, 3212, 3237,
20234, 20235,	978, 989, 990, 991,		3238, 3245, 3246,
20236, 20244,	992, 993, 1031,		3249, 3250, 3284,
20251, 20252,	1032, 1033, 1034,		3417, 3420, 3428,
20253, 20261,	1035, 1036, 1037,		3663, 3685, 3707,
20268, 20269,	1038, 1039, 1040,		3708, 3838, 3918,
20270, 20278,	1075, 1076, 1077,		3920, 3921, 3922,



3923, 3924, 3979,  
4017, 4024, 4032,  
4043, 4049, 4057,  
4060, 4063, 4073,  
4077, 4079, 4144,  
4145, 4150, 4257,  
4260, 4291, 4377,  
4384, 4387, 4397,  
4407, 4418, 4485,  
4495, 4497, 4531,  
4542, 4633, 4649,  
4669, 4684, 4700,  
4793, 4814, 4815,  
4831, 4874, 4877,  
4879, 4884, 4898,  
4906, 4907, 4927,  
4928, 4955, 4966,  
4971, 4975, 4977,  
4980, 4990, 5001,  
5028, 5039, 5048,  
5097, 5102, 5118,  
5119, 5120, 5121,  
5123, 5124, 5125,  
5126, 5172, 5302,  
5303, 5340, 5341,  
5347, 5349, 5353,  
5398, 5399, 5481,  
5483, 5485, 5631,  
5632, 5645, 5649,  
5651, 5652, 5658,  
5662, 5666, 5675,  
5919, 5920, 5938,  
5939, 5957, 5958,  
5985, 5986, 6014,  
6015, 6016, 6113,  
6134, 6135, 6136,  
6142, 6163, 6164,  
6165, 6171, 6192,  
6193, 6194, 6210,  
6214, 6215, 6216,  
6219, 6223, 6224,  
6225, 6228, 6232,  
6233, 6234, 6381,  
6445, 6486, 6573,  
6640, 6641, 6642,  
6832, 6833, 6835,  
6836, 6854, 6875,  
6876, 6877, 6878,  
6879, 6880, 6881,  
6882, 6883, 6886,  
6887, 6888, 6889,  
6890, 6891, 6892,  
6893, 6894, 6955,  
6973, 7024, 7030,

7051, 7064, 7074,  
7088, 7092, 7093,  
7094, 7095, 7096,  
7097, 7098, 7099,  
7100, 7106, 7107,  
7108, 7109, 7110,  
7111, 7112, 7113,  
7114, 7129, 7209,  
7240, 7241, 7242,  
7243, 7244, 7282,  
7283, 7284, 7285,  
7286, 7287, 7288,  
7289, 7290, 7291,  
7306, 7397, 7417,  
7418, 7419, 7420,  
7421, 7459, 7460,  
7461, 7462, 7463,  
7464, 7465, 7466,  
7467, 7468, 7517,  
7522, 7523, 7524,  
7525, 7526, 7527,  
7528, 7546, 7547,  
7548, 7549, 7550,  
7551, 7552, 7553,  
7554, 7555, 7556,  
7557, 7581, 7582,  
7583, 7584, 7585,  
7586, 7587, 7588,  
7589, 7590, 7591,  
7592, 7593, 7600,  
7601, 7602, 7706,  
7730, 7732, 7735,  
7736, 7737, 7743,  
7748, 7768, 7780,  
7781, 7782, 7784,  
7785, 7791, 7792,  
7793, 7794, 7814,  
7823, 7864, 7870,  
7891, 8063, 8066,  
8067, 8126, 8129,  
8130, 8693, 8694,  
8695, 8696, 8697,  
8700, 8701, 8703,  
8721, 8722, 8724,  
8742, 8743, 8747,  
8782, 8784, 8796,  
8799, 8800, 8804,  
8834, 8836, 8848,  
8851, 8852, 8899,  
8923, 8931, 8939,  
9268, 9285, 9286,  
9287, 9288, 9289,  
9307, 9308, 9309,  
9310, 9311, 9312,

9313, 9314, 9315,  
9316, 9340, 9341,  
9342, 9343, 9344,  
9345, 9346, 9347,  
9348, 9349, 9350,  
9357, 9378, 9379,  
9380, 9381, 9382,  
9383, 9384, 9402,  
9403, 9404, 9405,  
9406, 9407, 9408,  
9409, 9410, 9411,  
9412, 9413, 9437,  
9438, 9439, 9440,  
9441, 9442, 9443,  
9444, 9445, 9446,  
9447, 9448, 9449,  
9456, 9457, 9458,  
9539, 9589, 9590,  
9591, 9592, 9593,  
9594, 9603, 9604,  
9605, 9606, 9607,  
9608, 9609, 9610,  
9611, 9612, 9613,  
9614, 9619, 9620,  
9621, 9622, 9623,  
9723, 9724, 9725,  
9726, 9727, 9728,  
9731, 9732, 9733,  
9734, 9735, 9736,  
9740, 9928, 9929,  
9930, 9934, 9935,  
9936, 9937, 9940,  
10037, 10038,  
10039, 10043,  
10044, 10045,  
10046, 10049,  
10140, 10141,  
10142, 10146,  
10147, 10148,  
10149, 10152,  
10249, 10250,  
10251, 10255,  
10256, 10257,  
10258, 10261,  
10358, 10359,  
10360, 10364,  
10365, 10366,  
10367, 10370,  
10467, 10468,  
10469, 10473,  
10474, 10475,  
10476, 10479,  
10576, 10577,  
10578, 10582,



10583,	10584,	11733,	11736,	14450,	14452,
10585,	10588,	11737,	11871,	14453,	14454,
10685,	10686,	11899,	11925,	14458,	14464,
10687,	10691,	11926,	12035,	14476,	14501,
10692,	10693,	12049,	12063,	14509,	14510,
10694,	10697,	12089,	12090,	14511,	14560,
10794,	10795,	12091,	12092,	14561,	14597,
10796,	10800,	12126,	12208,	14598,	14599,
10801,	10802,	12214,	12219,	14600,	14601,
10803,	10806,	12354,	12355,	14609,	14656,
10953,	10954,	12356,	12357,	14657,	14658,
10955,	10960,	12409,	12412,	15245,	15246,
10961,	10967,	12413,	12458,	15247,	15248,
10968,	10969,	12461,	12462,	15249,	15250,
10970,	10971,	12598,	12613,	15251,	15252,
10972,	10976,	12614,	12615,	15253,	15309,
10977,	11008,	12616,	12617,	15312,	15313,
11010,	11012,	12711,	12745,	15315,	15316,
11013,	11018,	12747,	12775,	15413,	15416,
11019,	11025,	12777,	12782,	15417,	15513,
11026,	11027,	12784,	12788,	15516,	15517,
11029,	11031,	12790,	13121,	15749,	15752,
11033,	11034,	13122,	13123,	15779,	15780,
11038,	11039,	13164,	13165,	15784,	15785,
11066,	11075,	13166,	13208,	15789,	15790,
11087,	11099,	13209,	13210,	15991,	15992,
11130,	11149,	13223,	13224,	15993,	16101,
11163,	11233,	13225,	13238,	16102,	16103,
11303,	11376,	13239,	13240,	16104,	16105,
11385,	11386,	13246,	13248,	16107,	16151,
11387,	11388,	13249,	13250,	16156,	16170,
11389,	11407,	13251,	13252,	16202,	16391,
11408,	11409,	13253,	13254,	16395,	16440,
11410,	11411,	13263,	13299,	16441,	16442,
11412,	11413,	13337,	13370,	16443,	16446,
11414,	11415,	13401,	13432,	16447,	16449,
11416,	11440,	13438,	13440,	16454,	16477,
11441,	11442,	13441,	13442,	16478,	16479,
11443,	11444,	13443,	13444,	16480,	16481,
11445,	11446,	13445,	13446,	16543,	16547,
11447,	11448,	13447,	13459,	16549,	16560,
11449,	11450,	13462,	13465,	16562,	16573,
11457,	11513,	13468,	13635,	16575,	16585,
11540,	11543,	13636,	13637,	16586,	16597,
11544,	11576,	13638,	13653,	16598,	16599,
11579,	11580,	13664,	13743,	16600,	16601,
11662,	11663,	13760,	13809,	16614,	16620,
11665,	11666,	13853,	13889,	16632,	16640,
11669,	11670,	13899,	13904,	16641,	16657,
11699,	11701,	14112,	14124,	16760,	16782,
11703,	11713,	14435,	14436,	16783,	16784,
11714,	11715,	14437,	14439,	16785,	16786,
11721,	11725,	14441,	14445,	16824,	16825,
11728,	11731,	14447,	14449,	16826,	16827,



16828,	16829,	17409,	17410,	18672,	18673,
16830,	16831,	17411,	17435,	18674,	18675,
16832,	16833,	17436,	17437,	18676,	18677,
16868,	16869,	17438,	17439,	18678,	18679,
16870,	16871,	17440,	17441,	18680,	18681,
16872,	16873,	17442,	17443,	18682,	18683,
16874,	16875,	17444,	17445,	18684,	18685,
16876,	16877,	17446,	17447,	18686,	18687,
16878,	16885,	17454,	17455,	18688,	18689,
16912,	16919,	17456,	17551,	18690,	18691,
16920,	16921,	17576,	17603,	18692,	18693,
16922,	16923,	17604,	17621,	18694,	18695,
16924,	16925,	17693,	17694,	18697,	18766,
16963,	16964,	17695,	17809,	18791,	18792,
16965,	16966,	17829,	17831,	18807,	18808,
16967,	16968,	17832,	17833,	18809,	18810,
16969,	16970,	17834,	17835,	18811,	18812,
16971,	16972,	17836,	17837,	18899,	18901,
16973,	16974,	17839,	17886,	18907,	18909,
17009,	17010,	17905,	17928,	19031,	19032,
17011,	17012,	17958,	17960,	19033,	19148,
17013,	17014,	18009,	18014,	19168,	19170,
17015,	17016,	18015,	18016,	19171,	19172,
17017,	17018,	18017,	18018,	19173,	19174,
17019,	17020,	18019,	18020,	19175,	19176,
17021,	17029,	18021,	18022,	19178,	19225,
17030,	17031,	18023,	18024,	19244,	19267,
17154,	17179,	18025,	18026,	19297,	19299,
17180,	17181,	18027,	18028,	19348,	19353,
17182,	17183,	18029,	18030,	19354,	19355,
17184,	17185,	18031,	18032,	19356,	19357,
17213,	17214,	18033,	18034,	19358,	19359,
17215,	17216,	18035,	18036,	19360,	19361,
17217,	17218,	18037,	18038,	19362,	19363,
17219,	17220,	18039,	18040,	19364,	19365,
17221,	17222,	18041,	18043,	19366,	19367,
17223,	17224,	18091,	18116,	19368,	19369,
17253,	17254,	18117,	18132,	19370,	19371,
17255,	17256,	18133,	18134,	19372,	19373,
17257,	17258,	18135,	18136,	19374,	19375,
17259,	17260,	18137,	18225,	19376,	19377,
17261,	17262,	18227,	18233,	19378,	19379,
17263,	17264,	18235,	18346,	19380,	19382,
17265,	17271,	18347,	18348,	19443,	19468,
17272,	17273,	18463,	18483,	19469,	19484,
17348,	17372,	18485,	18486,	19485,	19486,
17376,	17377,	18487,	18488,	19487,	19488,
17378,	17379,	18489,	18490,	19489,	19576,
17380,	17381,	18491,	18493,	19578,	19584,
17382,	17400,	18540,	18559,	19586,	19714,
17401,	17402,	18582,	18612,	19715,	19716,
17403,	17404,	18614,	18663,	19719,	19775,
17405,	17406,	18668,	18669,	19776,	19777,
17407,	17408,	18670,	18671,	19780,	19791,



19792,	19793,	21774,	21839,	\Line . . . . . 8926,
19800,	19801,	21840,	21841,	8929, 8934, 8937,
19806,	19815,	21842,	21845,	8942, 8943, 8946,
19816,	19817,	21846,	21848,	8947, 8951, 8952,
19819,	19822,	21853,	21855,	8955, 8956, 8960,
19826,	19829,	21857,	21869,	8961, 8964, 8965,
19831,	19834,	21870,	21871,	8969, 8970, 8973, 8974
19843,	19846,	21872,	21876,	\line . . . . . 7920, 7921,
19859,	19860,	21877,	21883,	7923, 7924, 7930,
19861,	19876,	21884,	21885,	7931, 7933, 7934,
19877,	19878,	21897,	21919,	7943, 7944, 7946,
19879,	19880,	21981,	22022,	7947, 7953, 7954,
19881,	19883,	22025,	22026,	7956, 7957, 7966,
19884,	19887,	22040,	22041,	7967, 7969, 7970,
19888,	19962,	22059,	22063,	7976, 7977, 7979,
19963,	19966,	22064,	22065,	7980, 7989, 7990,
19968,	19969,	22068,	22080,	7992, 7993, 7999,
19970,	19985,	22081,	22082,	8000, 8002, 8003,
20014,	20043,	22083,	22089,	16484, 16485, 16486
20048,	20054,	22090,	22091,	\LineNumber . . . 13995,
20057,	20075,	22129,	22181,	13997, 13999,
20137,	20141,	22184,	22185,	14004, 14007, 14009
20170,	20171,	22228,	22231,	\linenumberwidth . .
20172,	20201,	22232,	22462,	. 13997, 14004, 14009
20202,	20203,	22464,	22467,	\lineskip . . . . . 401,
20224,	20225,	22479,	22481,	426, 497, 759, 844,
20226,	20241,	22483,	22485,	1011, 1096, 1261,
20242,	20243,	22487,	22489,	1347, 1356, 2893,
20258,	20259,	22492,	22493,	7262, 7439, 7535,
20260,	20275,	22495,	22496,	7606, 9296, 9361,
20276,	20277,	22502,	22503,	9391, 9462, 11396,
20292,	20293,	22504,	22509,	11461, 11717,
20294,	20309,	22521,	22524,	14477, 14606,
20310,	20311,	22526,	22533,	16611, 16804,
20327,	20328,	22537,	22539,	16889, 16943,
20329,	20346,	22542,	22543,	17035, 17044,
20347,	20348,	22556,	22557,	17202, 17278,
20366,	20367,	22565,	22566,	17389, 17460,
20368,	20401,	22567, 22722, 22724		17874, 18528,
20402,	20403,	\LetLtxMacro 12139, 12140		19213, 19795,
20466,	20625,	\Letter . . . . . 2909		19834, 22085, 22505
20808,	20846,	\lettergroup . . . . . 6497		\lineskiplimit . . . .
20900,	20903,	\LettrineDepth . . . 13911		. . . . . 11718, 22505
20933,	20979,	\LettrineHeight . . .		\linespacing . . 24, 13781
20992,	21204,	. 13910, 13918, 13923		\linespread . . . . . 3649
21212,	21428,	\LettrineSecondString		\linewidth 3017, 5375,
21436,	21441,	. . . . . 13869		11612, 11627,
21448,	21465,	\LettrineTextFont .		11631, 12366,
21468,	21528,	. 13869, 13877, 13922		12374, 12375,
21586,	21590,	\LettrineWidth . . . .		12377, 12378,
21668,	21673,	. . . . . 13902, 13909		12811, 13952,
21683,	21687,	\lftside . . . . . 16321,		13955, 13977,
21716,	21726,	16323, 16326,		13979, 14603,
21730,	21770,	16328, 16342, 16344		15317, 15323,



16058,	16060,	\listtablename	6358, 6359	14064,	15259,
16078,	16080,	\llap	..... 1842, 1864,	15309,	15359,
16279,	16285,		6435, 9058, 9759,	15381,	15793,
16371,	16380,		9771, 9783, 11519,	15797,	15801,
16381,	16434,		11525,	12169,	16260,
16436,	16604,		12181,	12193,	16787,
17827,	18143,		12620,	12756,	16926,
18152,	18210,		12758,	12760,	17189,
18481,	18818,		12762,	12765,	17418,
18827,	18884,		12767,	12770,	17740,
19166,	19495,		12772,	13983,	18393,
19504,	19561,		19741, 20003, 20021	19078,	19713,
21817,	21827,	\LoadClass	... 6682, 6706	19899,	19903,
21925,	21926,	\long	34, 48, 64, 237, 251,	19906,	19910,
21953,	21988,		266, 455, 742, 807,	21662,	21859,
21990,	21991,		994, 1057, 1244,	21955,	22332,
21992,	21997,		1309, 2481, 2699,	22336,	22340,
21999,	22000,		2702, 2705, 2710,	22376,	22380,
22001,	22006,		2713, 2716, 3182,	22384, 22443, 22546	
22008,	22009,		3183, 3192, 3195,	\longindentation	.. 9567
22010,	22015,		3206, 3385, 3389,	\longthickrule	....
22017,	22018,		3422, 3665, 3669,	.....	17270, 17276
22019, 22451, 22454			3779, 3798, 3873,	\loop	..... 2278,
\link	..... 3023		3889, 3901, 3910,	2279, 2280, 4440,	
\list	..... 89, 292,		3942, 3970, 3982,	4450, 8013, 8223,	
	574, 709, 945, 972,		3983, 4357, 4359,	10922,	10931,
	1222, 1839, 1860,		4364, 4365, 4382,	13939,	16277,
	1883, 1895, 6428,		4383, 4390, 4399,	16313,	16340,
	6446, 6455, 6463,		4402, 4409, 4427,	16351, 16378, 19854	
	7203, 7391, 7700,		5045, 5309, 5458,	\looprepeat	4457, 4461,
	9262, 9533, 11370,		5718, 5722, 5726,	4505, 4576, 4583,	
	13746, 15983,		5762, 5766, 5770,	4588, 4594, 4597,	
	16754, 17148,		5806, 5810, 5814,	4599, 4603, 4604, 4609	
	17342, 17545,		6025, 6112, 6141,	\lower	2132, 2409, 16475,
	18075, 18750,		6170, 6981, 6984,	16509,	16517,
	19427, 20069, 21908		6987, 6991, 6994,	21656, 21865, 21867	
\listdoubleitemmaincolumnwidth			6997, 7245, 7422,	\lowercase	.... 3252,
	.... 2963, 2976,		7564, 7857, 8702,	3260, 3268, 3276	
	2977, 2978, 3005, 3009		8723, 9323, 9420,	\lowertitleback	...
\listfigurename	6350, 6351		11423, 11973,	..	17917, 17952,
\listitemmaincolumnwidth			11990, 12006,	18039,	18571,
	..... 2962,		12034, 12048,	18606,	18693,
	2970, 2971, 3003		12062, 12618,	19256, 19291, 19378	
\listitemsymbol	...		12632, 12641,	\LR	13636, 16442, 16475,
	.... 2904, 2961,		12687, 12728,	21841, 21865, 21867	
	3002, 3004, 8504, 8602		12735, 13167,	\lrb	..... 2551, 2560
\listitemsymbolwidth			13178, 13189,	\LRE	..... 2095, 2139,
	..... 2960,		13200, 13215,	2380, 2414, 13635,	
	2961, 2971, 2977		13230, 13273,	16442, 16445,	
\listoffigures	.... 6348		13290, 13311,	21468, 21841, 21844	
\listoftables	..... 6356		13328, 13344,	\lreset@listparshape	
\listparindent	....		13361, 13375,	.....	13986
	. 945, 6448, 6455,		13392, 13406,	\LRfootnoterule	...
	6456, 21915, 21924		13423, 13648,	..	8697, 9623, 11899



\LS@rot . . . . .	14552	\LT@mccl 14435, 14480,	2645, 6204, 6554,
\lsb . . . . .	2550, 2558	18209, 18883, 19560	7527, 7601, 9383,
\lst@caption .	14085,	\LT@no@pgbk . 14443, 14444	9457, 11954,
14091, 14098, 14103		\LT@nofcols . . . . .	12139, 12142,
\lst@alloverstyle .		\LT@output . . . . .	14523
14091, 14098, 14103		\LT@p@ftn . . . . .	13268,
2539, 2545		13271, 13275,	17184, 17272,
\lst@HRefStepCounter		13285, 13306,	17381, 17455,
14085, 14091		13309, 13313,	17836, 18490, 19175
\lst@ifnumberbychapter		13323, 14516,	\LTRfootnotetext . .
14124, 14125		14517, 14519, 14520	2703, 2714,
\lst@Key . . .	14028, 14035	\LT@p@ftntext . . . . .	6985, 6995, 12110,
\lst@MakeCaption . .		14509	12112, 13269,
14083, 14096		\LT@p@LTRftntext . .	14516, 19900, 19904
\lst@makecaption . .		13266,	\LTRfootscript . 9755,
14080, 14113		13273, 14510, 14515	9772, 9776, 9778,
\lst@maketitle 14081,		\LT@p@RTLftntext . .	12182, 12186, 12188
14114, 14118, 14120		13304,	\LTRfoottextfont 9645,
\lst@title@dropdelim		13311, 14511, 14518	9681, 9706, 9834,
14081		\LT@rows . . . 14469, 14494	9955, 9983, 10003,
\lstKV@SwitchCases		\LT@setprevdepth . 14470	10063, 10089,
14029, 14036		\LT@start . . 13661, 13671	10108, 10167,
\lstset . . . . .	2509	\LT@startpbox . . . . .	10195, 10215,
\LT@ohl . . . . .	14437, 14439	14451, 14458, 14507	10276, 10304,
\LT@tabarray 14436, 14440		\LT@tabularcr . . . . .	10324, 10385,
\LT@array . . . . .	13644,	\LT@caption . . . . .	10413, 10433,
14426, 18225,		14492, 14496, 14497	10494, 10522,
18226, 18899,		\LT@capwidth . . . . .	10542, 10603,
18900, 19576, 19577		14429,	10631, 10651,
\LT@bchunk . . . . .		14431, 14433, 14471	10712, 10740,
14467, 14474, 14478		\LTR . . 16434, 21817, 21819	10760, 10821,
\LT@caption . . . 14445,		\LTR@column@boxes .	10849, 10869,
18227, 18233,		15709, 15753, 15755	11089, 11117, 11152
18235, 18901,		\LTR@outputdblcol .	\LTRight . . . . . 14429,
18907, 18909,		8113, 11564,	14431, 14433, 14472
19578, 19584, 19586		12392, 15500,	\LTRmarginnote . . . . 6218
\LT@cols . . . . . 14480,		22215, 22259, 22261	\LTRmarginpar . . . . 22315
18209, 18883, 19560		\LTRbiditufesidenotemarginpar	\LTRmulticolcolumns
\LT@end@open . . . . . 14525		5745, 6071, 6221	15751
\LT@endpbox . . . . . 14447		\LTRcite . . . . .	\LTRsidenote . . 5940, 6200
\LT@err . . . . . 14526		6015, 6135, 6164,	\LTRthanks . . . . .
\LT@foot . . . . . 13659,		6193, 6215, 6224, 6233	418, 438, 473,
13663, 14529,		\LTRcolumnfootnotes 9742	492, 6554, 6562,
14533, 14542, 14545		\LTRdblcol . . . . . 22261	6579, 6595, 6606,
\LT@head . . . 14536, 14549		\LTRdfnmakecol . . . . 8855	7527, 7547, 7582,
\LT@hline . . . . . 14445		\LTRfootfootmark 9644,	7601, 9383, 9403,
\LT@kill . . . . . 14445		9769, 9983, 10089,	9438, 9457, 12108,
\LT@lastfoot . . . . .		10195, 10304,	15246, 16924,
14529, 14531, 14542		10413, 10522,	16964, 17010,
\LT@LL@FM@cr 14454, 14458		10631, 10740,	17030, 17184,
\LT@make@row . . . . 14475		10849, 11117, 12179	17214, 17254,
\LT@makecaption . . .		\LTRfootmarkstyle .	17272, 17381,
14479, 14490,		9755, 9794	17401, 17436,
18201, 18875, 19552		\LTRfootnote . . . 418,	17455, 17836,
		492, 1803, 2637,	18015, 18490,





18669, 19175, 19354	11088, 11100,	\m@make@tencol@footgroup
\ltx@firstofthree .	11131, 11150,	..... 10799, 10890
..... 11824, 11848	11164, 11182,	\m@make@threecol@footgroup
\ltx@ifundefined ..	11192, 11201, 11210	..... 10042, 10127
..... 11818, 11842	\m@m@h .... 9909, 9911,	\m@make@twocol@footgroup
\ltx@secondofthree	9913, 9916, 9917, 9922	..... 9933, 10024
..... 11827, 11851	\m@m@k .... 9909, 9911,	\m@mdoextrafeet ...
\ltx@thirdofthree .	9916, 9919, 9920, 9922	. 9803, 11283, 11297
. 11820, 11837, 11844	\m@m@makecolfloats	\m@mdoextrafeetendmini
	. 11231, 11284, 11290	..... 9872, 9885
M	\m@m@makecolintro .	\m@mdoextrafeetmini 9844
\m@addvipersep ....	. 11246, 11275, 11288	\m@mdosplits ... 9914,
..... 15442, 15542	\m@m@makecoltext ..	9918, 9919, 9920
\m@m@float@spacing 9746	. 11235, 11285, 11298	\m@minterparanoteglua
\m@m@footnote@spacing	\m@m@singlespace .. 9744	..... 10915, 10917
9651, 9665, 9679,	\m@make@eightcol@footgroup	\m@mipn@skip .....
9693, 9704, 9715,	..... 10581, 10672	. 10907, 10914, 10916
9745, 9944, 9954,	\m@make@fivecol@footgroup	\m@mmakehboxofhboxes
9964, 9990, 10002,	..... 10254, 10345	..... 10919,
10015, 10026,	\m@make@footstart .	10929, 11179,
10031, 10053,	..... 9890, 9902	11189, 11199, 11208
10062, 10071,	\m@make@fourcol@footgroup	\m@mmf@prepare . 9661,
10096, 10107,	..... 10145, 10236	9675, 9689, 9750,
10119, 10129,	\m@make@mpightcol@footgroup	9952, 9962, 9972,
10134, 10156,	..... 10587, 10677	9998, 10011,
10166, 10176,	\m@make@mpfivecol@footgroup	10023, 10060,
10202, 10214,	..... 10260, 10350	10069, 10078,
10227, 10238,	\m@make@mpfourcol@footgroup	10103, 10115,
10243, 10265,	..... 10151, 10241	10126, 10164,
10275, 10285,	\m@make@mpninecol@footgroup	10174, 10184,
10311, 10323,	..... 10696, 10786	10210, 10223,
10336, 10347,	\m@make@mppara@footgroup	10235, 10273,
10352, 10374,	. 10974, 11036, 11195	10283, 10293,
10384, 10394,	\m@make@mpsevendcol@footgroup	10319, 10332,
10420, 10432,	..... 10478, 10568	10344, 10382,
10445, 10456,	\m@make@mpsixcol@footgroup	10392, 10402,
10461, 10483,	..... 10369, 10459	10428, 10441,
10493, 10503,	\m@make@mptencol@footgroup	10453, 10491,
10529, 10541,	..... 10805, 10895	10501, 10511,
10554, 10565,	\m@make@mpthreecol@footgroup	10537, 10550,
10570, 10592,	..... 10048, 10132	10562, 10600,
10602, 10612,	\m@make@mptwocol@footgroup	10610, 10620,
10638, 10650,	..... 9939, 10029	10646, 10659,
10663, 10674,	\m@make@ninelcol@footgroup	10671, 10709,
10679, 10701,	..... 10690, 10781	10719, 10729,
10711, 10721,	\m@make@para@footgroup	10755, 10768,
10747, 10759,	. 10958, 11016, 11175	10780, 10818,
10772, 10783,	\m@make@para@footstart	10828, 10838,
10788, 10810,	. 10959, 10965,	10864, 10877,
10820, 10830,	11017, 11023, 11213	10889, 11085,
10856, 10868,	\m@make@sevencol@footgroup	11097, 11109,
10881, 10892,	..... 10472, 10563	11146, 11160, 11174
10897, 10979,	\m@make@sixcol@footgroup	\m@mold@footnotetext
11041, 11076,	..... 10363, 10454	.. 9723, 9731, 11008



\m@mold@LTRfootnotetext	\maincolumnwidth ..	17918, 17939,
..... 9724, 9732	2958, 2967, 2968,	17946, 17953,
\m@mold@mpfootnotetext	2969, 2970, 2972,	18017, 18442,
.. 9726, 9734, 11029	2976, 2991, 2995, 3020	18565, 18572,
\m@mold@mpLTRfootnotetext	\mainmatter ..... 6733	18593, 18600,
..... 9727, 9735	\makeatletter . 3845, 3864	18607, 18671,
\m@mold@mpRTLfootnotetext	\makebox .....	19127, 19250,
.. 9728, 9736, 11034	9046, 9051, 9120,	19257, 19278,
\m@mold@RTLfootnotetext	9123, 9126, 9133,	19285, 19292, 19356
.. 9725, 9733, 11013	9141, 9148, 9189,	\maketitledetailsnewline
\m@mopfootnote ....	9193, 16095, 16113	8660, 8675, 8677,
..... 11247, 11281	\makefooter .....	8678, 8679, 8680, 8681
\m@mremoveboxes ..	... 8569, 8570, 8586	\maketitledetailwidth
..... 10937,	\MakeFramed ..... 12232	.... 8652, 8654,
10938, 11180,	\makelabel .....	8655, 8656, 8657, 8672
11190, 11200, 11209	1842, 1862, 1885,	\maketitlehookb .. 15304
\m@mrigidbalance 9911,	1905, 6435, 21919	\maketitlehookc .. 15306
9916, 10028,	\MakeLineNo ..... 13989	\maketitlenamefullwidth
10033, 10131,	\makeLineNumber ...	... 8646, 8647, 8649
10136, 10240,	..... 13990, 13992	\maketitlenamemaxwidth
10245, 10349,	\makeLineNumberLeft	... 8644, 8645, 8649
10354, 10458,	..... 13995	\maketitlenamewidth
10463, 10567,	\makeLineNumberRight	..... 8648,
10572, 10676,	..... 14003	8649, 8655, 8667
10681, 10785,	\maketag@@@ .... 336,	\maketitlepage 6616, 6658
10790, 10894, 10899	9044, 9057, 14581	\maketitlepicturewidth
\m@msplitoff .. 9919, 9921	\makethanksmark .. 15259	..... 8650,
\m@mungebox .....	\maketitle . 110, 313,	8651, 8657, 8686
.. 10908, 11085,	320, 412, 440, 451,	\MakeUppercase . 125,
11097, 11109,	475, 735, 780, 802,	571, 599, 600,
11146, 11160, 11174	824, 987, 1032,	615, 706, 864,
\m@munvxh .. 10900, 10909	1054, 1076, 1237,	969, 1116, 1219,
\m@ne 304, 551, 560, 3236,	1282, 1304, 1326,	7126, 7200, 7303,
3425, 4177, 4184,	2477, 2489, 2984,	7388, 7513, 7514,
4436, 4441, 4451,	6530, 6634, 6658,	7697, 9259, 9530,
4532, 5713, 5757,	7238, 7283, 7415,	11367, 13819,
5801, 7474, 7632,	7460, 7521, 7549,	16654, 16751,
7669, 8013, 9231,	7560, 7584, 8551,	16909, 17145,
9240, 9501, 11323,	8665, 9284, 9308,	17368, 17369, 17542
11340, 13491,	9319, 9341, 9377,	\marginline .....
15683, 16535,	9405, 9416, 9440,	. 18124, 18799, 19476
17301, 17486,	11384, 11408,	\marginnote ..... 6209
17523, 18298,	11419, 11441,	\marginpar .....
18980, 18983,	13438, 13439,	5279, 5987, 18125,
19657, 19660,	13804, 15254,	18800, 19477, 21504
20149, 20191,	16780, 16825,	\marginparpush 5212, 22425
21237, 22327,	16847, 16869,	\marginparsep .....
22371, 22406, 22409	16917, 16966,	.... 2467, 2869,
\m@th ..... 403, 9047,	16988, 17012,	5253, 5256, 5260,
9052, 9058, 11612,	17178, 17216,	5412, 5419, 12755,
11627, 14476,	17227, 17256,	12757, 12761,
21309, 21418,	17375, 17403,	12766, 12769,
21889, 21983,	17414, 17438,	12771, 22436, 22438
22055, 22057, 22116	17788, 17911,	





9153, 9155, 9160, 9161, 9162, 9163, 9164, 9165, 9166, 9167, 9168, 9177, 9179, 9183, 9184, 9186	\MHInternalSyntaxOff ..... 9201, 14584	\Mobilefone ..... 2906	\multicols ..... 15762
\MHInternalSyntaxOn ..... 9041, 14578	\MidFrameCommand .. . 12228, 12272, 12340	\mobilesymbol ..... ... 2906, 8579, 8677	\multicolumn 14435, 19821
\minrowclearance .. ... 1460, 1494, 7852	\mintagvsep ..... 9061	\mode ..... 14850, 15183	\multiplefootnotemarker ..... 6028,
\missingfigure .... ..... 21548, 21578	\mix 14673, 14674, 14681, 14682, 14708, 14725, 14748, 14751, 14753, 14776, 14808, 14816, 14825, 14836, 14847, 14849, 14854, 14855, 14857, 14858, 14860, 14872, 14881, 14884, 14885, 14886, 14896, 14906, 14907, 14909, 14910, 14915, 14916, 14932, 14934, 14936, 14941, 14980, 14987, 14988, 14991, 15009, 15011, 15014, 15016, 15019, 15026, 15034, 15036, 15089, 15094, 15105, 15106, 15109, 15140, 15145, 15147, 15154, 15155, 15158, 15173, 15177, 15180, 15182, 15191, 15194, 15204, 15205, 15207, 15230, 15236, 15240	\modernpoem ..... 7088	6044, 6138, 6139, 6167, 6168, 6196, 6197, 9749, 9751, 9752
		\modernpoem@obeylines ..... 6835, 7088	\multiply ..... 2451, 2456, 2794, 10996, 11058, 15826, 15827, 15830, 15831, 16296, 16300
		\modernpoem@par ... ... 6835, 6836, 7052	
		\morefloats ... 5519, 5616	
		\moreLRE ..... 2096, 2381, 16396, 21775	
		\moreRLE ..... 2098, 2383, 16397, 21776	N
		\moveleft ... 5669, 15598	\next ..... 2094, 2096, 2098, 2099, 2379, 2381, 2383, 2384
		\moveright ..... . 11719, 15696, 22508	\na ..... 16299, 16301, 16303, 16312, 16314, 16339, 16340
		\mp@footgroupv@r 9863, 9908, 9940, 10049, 10152, 10261, 10370, 10479, 10588, 10697, 10806, 10976, 11038	\narrower ..... 22048
		\mp@LTRfootgroupv@l ..... 9855, 9867, 10977, 11039	\NAT@bibitem@first@sw ..... 15991
		\mpfootnoterule ... ..... 11926, 11930	\nb 16299, 16302, 16303, 16312, 16313, 16334, 16350, 16351
		\msg .... 14728, 14731, 14779, 14782, 14797, 14800, 14842	\NC@find ..... 19853
		\MT . 9080, 9086, 9088, 14579	\NC@rewrite@X .... 19852
		\mult@cols ..... 15792	\NeedsTeXFormat ... ... 1993, 2444, 2500, 2633, 2825, 3074, 3142, 5128, 5694, 6236, 6382, 6498, 6525, 6674, 6698, 6763, 8489, 8587
		\mult@firstbox .... . 15710, 15724, 15730	\new@command .. 3427, 3429
		\mult@footnotetext ..... 151, 153, 15777, 15780, 15793	\new@poem@width ... 6850, 6851, 6852, 6853, 6938, 6972, 6975
		\mult@info ..... 15684	\newblock . 3072, 6950, 7050, 15985, 15987
		\mult@LTRfootnotetext ..... 155, 157, 15782, 15785, 15797	\newboolean .... 5136,
		\mult@rightbox .... . 15677, 15717, 15718, 15720, 15739, 15740, 15743	5139, 5141, 5143, 5144, 5156, 5220, 5230, 5297, 5320, 5621, 6245, 6504, 6531
		\mult@RTLfootnotetext ..... 159, 161, 15787, 15790, 15801	\newbox ..... 6905, 6906
		\multfootsep .. 6029, 6047	\newcommand ..... 1917, 1936, 2028, 2029, 2035, 2041, 2058, 2059, 2063, 2064, 2075, 2078, 2081, 2085, 2105, 2106, 2121, 2137,
		\multi@column@out . ..... 15846, 15889	
\mkern ..... 21310, 21311, 21419, 22117		\multicol@leftmargin ..... 15687, 15696	
\mobile ..... 2946			



2153, 2282, 2538,	5290, 5295, 5296,	21815, 21816,
2544, 2547, 2548,	5298, 5299, 5306,	21907, 22029,
2549, 2550, 2551,	5307, 5308, 5316,	22030, 22132,
2552, 2553, 2850,	5319, 5407, 5425,	22260, 22261, 22458
2936, 2941, 2942,	5635, 5643, 5653,	\newcount . 2272, 2447,
2943, 2945, 2946,	5656, 5664, 5833,	2448, 3076, 3086,
2947, 2949, 2950,	5834, 5835, 5836,	3090, 3438, 4170,
2952, 2953, 2964,	5837, 5838, 5839,	4273, 4433, 4494,
2965, 2985, 2992,	5840, 5841, 5842,	4574, 9909, 22124
2994, 2998, 3002,	5843, 5844, 5845,	\newcounter 5916, 7034,
3004, 3010, 3019,	5846, 5847, 5848,	11638, 11802,
3021, 3023, 3027,	5849, 5850, 5851,	20378, 20382, 20383
3031, 3036, 3048,	5852, 5853, 5854,	\newdimen . 6796, 6797,
3072, 3078, 3251,	5855, 5856, 5857,	6847, 9909, 12528
3259, 3267, 3275,	5858, 5867, 5917,	\newenvironment ...
3292, 3298, 3304,	5936, 5955, 5977,	2585, 2596, 2605,
3310, 3316, 3322,	5983, 6008, 6009,	2614, 3049, 5266,
3328, 3334, 3341,	6043, 6199, 6200,	5281, 5284, 5322,
3344, 3347, 3353,	6201, 6209, 6218,	5449, 7023, 7087,
3365, 3371, 3383,	6227, 6240, 6241,	13740, 21819,
3386, 3388, 3395,	6364, 6417, 6497,	21829, 21985,
3399, 3405, 3412,	6510, 6544, 6545,	21994, 22003, 22012
3415, 3418, 3421,	6546, 6547, 6548,	\newfloat@@setwithin
3440, 3469, 3494,	6549, 6550, 6551,	..... 16018,
3523, 3548, 3586,	6602, 6616, 6792,	16024, 16032, 16034
3620, 3637, 3648,	6799, 6808, 6812,	\newfloat@Error .. 16037
3654, 3698, 3703,	6822, 6841, 7038,	\newfloat@setwithin
3825, 3849, 3900,	7039, 8660, 8854,	..... 16004
3909, 3986, 3991,	8855, 8864, 8871,	\newif 2056, 2057, 2061,
3994, 3997, 4000,	8887, 8893, 8909,	2062, 2065, 2066,
4003, 4006, 4010,	8916, 9585, 9599,	2067, 2068, 2069,
4013, 4027, 4039,	9626, 9630, 9636,	2070, 2071, 2073,
4052, 4067, 4631,	9642, 9796, 9799,	2074, 2365, 2366,
4632, 4648, 4663,	10939, 11004,	2367, 2368, 2369,
4667, 4673, 4676,	11261, 11300,	2370, 2827, 2856,
4679, 4682, 4687,	11301, 11302,	3035, 3083, 3851,
4690, 4693, 4697,	11303, 11742,	4339, 6719, 6907,
4701, 4704, 4705,	11745, 11804,	8492, 8494, 8496,
4706, 4708, 4716,	11809, 11811,	8498, 8563, 8590,
4725, 4727, 4737,	11817, 11833,	8592, 8594, 8596,
4739, 4751, 4753,	11857, 11869,	8659, 9583, 9584,
4760, 4768, 4770,	11923, 11969,	11800, 11808,
4779, 4781, 4792,	11970, 11971,	14586, 21457, 21458
4794, 4795, 4799,	12024, 12026,	\newinsert 2101, 2386,
4803, 4873, 4883,	12153, 12156,	5522, 5523, 5524,
4887, 4892, 4926,	12159, 12162,	5525, 5526, 5527,
4964, 4987, 4988,	12799, 14042,	5528, 5529, 5530,
4989, 5021, 5022,	14053, 15748,	5531, 5532, 5533,
5023, 5024, 5035,	15751, 15754,	5534, 5535, 5536,
5132, 5133, 5134,	17691, 17692,	5537, 5538, 5539,
5135, 5157, 5160,	18344, 18345,	5540, 5541, 5542,
5187, 5214, 5215,	19029, 19030,	5543, 5544, 5545,
5216, 5217, 5232,	21459, 21461,	5546, 5547, 5548,
5251, 5287, 5289,	21766, 21767,	5549, 5550, 5551,



5552, 5553, 5554,	3156, 3157, 4171,	7325, 7339, 7363,
5555, 5571, 5572,	4172, 4342, 4355,	7477, 7485, 7497,
5573, 5574, 5575,	4380, 4433, 6848,	7626, 7642, 7672,
5576, 5577, 5578,	11810, 16392, 21771	7677, 7685, 7903,
5579, 5580, 5581,	<code>\newXeTeXintercharclass</code>	9214, 9227, 9242,
5582, 5583, 5584,	..... 2274, 2275	9246, 9254, 9481,
5585, 5586, 5587,	<code>\next</code> ..... 22155, 22158	9504, 9509, 9518,
5588, 5589, 5590,	<code>\next@tdpage</code> .. 17845,	9562, 9563, 11317,
5591, 5592, 5593,	17854, 17925,	11333, 11342,
5594, 5595, 5596,	17962, 17971,	11346, 11354,
9898, 9903, 9906, 9907	17975, 17985,	13795, 13797,
<code>\newlength</code> .....	17989, 18000,	13842, 14549,
2954, 2955, 2956,	18004, 18499,	14643, 15647,
2958, 2959, 2960,	18508, 18579,	15658, 15659,
2962, 2963, 3046,	18616, 18625,	15670, 15671,
5248, 5249, 5250,	18629, 18639,	16538, 16540,
5304, 5321, 6109,	18643, 18654,	16693, 16694,
8644, 8646, 8648,	18658, 19184,	16708, 16732,
8650, 8652, 20410,	19193, 19264,	17065, 17066,
20412, 20413, 21127	19301, 19310,	17080, 17104,
<code>\newline</code> ..... 3017,	19314, 19324,	17295, 17311,
5483, 18141,	19328, 19339, 19343	17480, 17496,
18150, 18816,	<code>\next@tpage</code> ... 17844,	17525, 17529,
18825, 19493, 19502	17851, 17897,	17537, 18062,
<code>\newlinechar</code> ..... 2324	17973, 17987,	20008, 20025,
<code>\newlinetospace</code> ...	18002, 18498,	20032, 20173,
5480, 5500, 5501,	18505, 18551,	20176, 20204,
5502, 6739, 6740, 6741	18627, 18641,	20205, 20227,
<code>\newlistentry</code> 20375, 20442	18656, 19183,	20228, 20244,
<code>\newpage</code> ..... 465,	19190, 19236,	20245, 20261,
487, 816, 836,	19312, 19326, 19341	20262, 20278,
1068, 1088, 1318,	<code>\ninecolumnfootnotes</code>	20279, 20295,
1338, 4990, 4992,	..... 10682	20296, 20312,
4996, 5001, 5002,	<code>\no@bib@break</code> .....	20313, 20330,
5005, 5009, 5011,	. 18087, 18762, 19439	20331, 20349,
5014, 6635, 6672,	<code>\noalign</code> ..... 1374,	20350, 20369,
6673, 7574, 7596,	6961, 9919, 14442,	20370, 20404,
8486, 9333, 9353,	14443, 14444,	20405, 20440,
9430, 9452, 11433,	18202, 18228,	20602, 20603,
11453, 14442,	18230, 18876,	20712, 20714,
15268, 16861,	18902, 18904,	20805, 20837,
16881, 17002,	19553, 19579, 19581	20842, 20845,
17024, 17246,	<code>\nobibliography</code> ... 5913	21302, 21307,
17268, 17428, 17450	<code>\nobidilogo</code> ..... 2415	21315, 21416,
<code>\newpoem@tabcr</code> ....	<code>\nobreak</code> 14, 16, 209, 211,	21417, 21421,
... 7051, 7060, 7061	517, 535, 562, 566,	22114, 22115, 22119
<code>\newsavebox</code> .... 2584,	654, 655, 669, 695,	<code>\nobreakspace</code> ..... 561
5265, 5300, 5301	882, 883, 897, 913,	<code>\node</code> . 21502, 21532, 21538
<code>\newskip</code> .....	1137, 1138, 1152,	<code>\noexpand</code> . 393, 2657,
2622, 2623, 2624,	1179, 1618, 1625,	2658, 2672, 2673,
3430, 10914, 12390	5052, 6036, 6376,	2700, 2703, 2706,
<code>\newthought</code> ..... 6438	6377, 6861, 6863,	3111, 3152, 3161,
<code>\NewTokenList</code> ..... 4380	6869, 7147, 7148,	3165, 3185, 3189,
<code>\newtoks</code> ..... 2635,	7162, 7186, 7324,	3288, 3390, 3391,



3393, 3444, 3472,	19147,	19148,	\nopagebreak . . . . .
3498, 3526, 3552,	19436,	19437,	.. 6915, 6925, 14444
3555, 3589, 3592,	19717,	19789,	\nopagenumbers . . . . 3036
3830, 3831, 3832,	19826,	19827,	\normalbaselines . 21889
3834, 3835, 3860,	19900,	19907,	\normalbaselineskip
3862, 3880, 3881,	20385,	20918,	311, 5173, 10984,
3882, 3885, 3892,	20951,	20958,	10995, 11046,
3893, 3894, 3896,	20963,	20964,	11057, 14607, 16612
3902, 3903, 3905,	21050,	21441,	\normalcolor . . . . .
3911, 3912, 3914,	21442,	21443,	2802, 7864, 8075,
3973, 3975, 3976,	21444,	21445,	8140, 8372, 8391,
4190, 4336, 4341,	21446,	21447,	9175, 9827, 9851,
4347, 4395, 4423,	21448,	21449,	9859, 9867, 9881,
4426, 4429, 4430,	21691,	21706,	11255, 11268,
4514, 4521, 4524,	21734,	21740,	12100, 12220,
4525, 4542, 4546,	21753, 22078, 22462		12425, 12472,
4548, 4549, 4550,	\noindent . . 455, 630,		12573, 12583,
4558, 4559, 4560,	639, 937, 1189,		12590, 13828,
4563, 4564, 4565,	1198, 1958, 1965,		14645, 15672,
4600, 4657, 4818,	1972, 2481, 5275,		21190, 21422,
4819, 4821, 4957,	5468, 6059, 6077,		21668, 22120,
5062, 5096, 5097,	6095, 6212, 6221,		22193, 22242,
5885, 5887, 5895,	6230, 6440, 6460,		22272, 22288,
6288, 6291, 6297,	6621, 6623, 6625,		22299, 22307,
6300, 6982, 6985,	6816, 7196, 7384,		22514, 22530, 22561
6988, 7040, 8444,	7564, 7760, 9323,		\normalfont . . . . . 25,
8796, 8848, 11640,	9420, 9565, 9628,		38, 52, 68, 85, 241,
11641, 11646,	11083, 11095,		255, 270, 288, 454,
11647, 11699,	11107, 11144,		457, 559, 806, 808,
12541, 12551,	11158, 11172,		1060, 1308, 1310,
13259, 13269,	11184, 11194,		2480, 2483, 2547,
13277, 13278,	11203, 11212,		2552, 2553, 2555,
13279, 13281,	11423, 12619,		2556, 2557, 2558,
13307, 13315,	13981, 15332,		2559, 2560, 2561,
13316, 13317,	16669, 16678,		5214, 5833, 5834,
13319, 13348,	17119, 17128,		5835, 5923, 5942,
13349, 13350,	17194, 17237,		5961, 6027, 6262,
13352, 13379,	17418, 17728,		6269, 6276, 6468,
13380, 13381,	17767, 17845,		7473, 7493, 7563,
13383, 13410,	17848, 17852,		7566, 7668, 7683,
13411, 13412,	18062, 18381,		9047, 9052, 9058,
13414, 14471,	18421, 18499,		9239, 9252, 9322,
14516, 14519,	18502, 18506,		9325, 9419, 9422,
15107, 15372,	19066, 19106,		9500, 9516, 9760,
17804, 17805,	19184, 19187,		9764, 9766, 9772,
17806, 17807,	19191, 21480,		9776, 9778, 9784,
17808, 17809,	21483, 21485,		9788, 9790, 11339,
18084, 18085,	21487, 21490,		11352, 11422,
18458, 18459,	21494, 21496,		11425, 12170,
18460, 18461,	21552, 21614, 22047		12174, 12176,
18462, 18463,	\nointerlineskip . .		12182, 12186,
18759, 18760,	. . . . 8713, 8734,		12188, 12194,
19143, 19144,	12211, 14626,		12198, 12200,
19145, 19146,	15694, 22433, 22441		13742, 13777,



13782, 13828,	16670, 16792,	20575, 20687, 20918
14619, 15258,	16821, 16882,	\nxLcs . . . 2563, 2564, 2565
15672, 16097,	16931, 16960,	
16110, 16851,	17025, 17117,	<b>O</b>
16853, 16992,	17120, 17196,	\obeylines . . . 6951, 7052
16994, 17188,	17210, 17269,	\ocgbase . . . 15163, 15165
17195, 17231,	17383, 17397,	\oddpaper . . . . .
17238, 17417,	17451, 17862,	2448, 2452, 2453,
17420, 17522,	17887, 17925,	2454, 2457, 2458, 2459
17535, 20430,	18516, 18541,	\oddsidemargin . 2470,
20435, 20436,	18579, 19201,	2865, 9018, 9022,
20844, 21190,	19226, 19264,	9028, 12775,
21422, 22120, 22561	19742, 19748,	12784, 12788,
\normalfootnotes . .	19770, 20173,	17813, 18467,
. . . . . 9729, 9740	20204, 20227,	19152, 22483, 22487
\normallineskip . . .	20244, 20261,	\on@stripcols@break 8203
. 2894, 14606, 16611	20278, 20295,	\onecolumn . . . . .
\normalparindent 42,	20312, 20330,	. . 604, 620, 869,
56, 72, 245, 259, 274	20349, 20369,	1121, 2903, 7131,
\normalRTLparaLTRfootnotes	20404, 20805,	7308, 7518, 16659,
. . . . . 11004	21302, 21416, 22114	16914, 17373, 20138
\normalsfcodes . . . .	\number . . . 8, 139, 203,	\opening . . . . 9550, 13830
. . . . . 11712, 22501	3110, 3111, 3117,	\OptArg . . . . . 2564, 2630
\normalsize 307, 1933,	3122, 3444, 3461,	\OptArg@i . . . . 2630, 2631
5166, 5167, 5174,	3463, 3472, 3486,	\OptArg@ii . . . 2630, 2632
5741, 5785, 5829,	3488, 3498, 3515,	\OptArgs . . . . . 2629
5923, 5942, 5961,	3517, 3526, 3540,	\optparams . . . . .
6339, 8547, 8639,	3542, 3552, 3555,	5342, 6199, 6200,
11710, 15390,	3572, 3574, 3578,	6201, 6203, 6204, 6205
17277, 17775,	3580, 3589, 3592,	\OR . . . . . 5336,
17782, 18429,	3606, 3608, 3612,	5408, 5428, 5432, 5684
18436, 19114,	3614, 3621, 3623,	\or . . . . . 1410, 1411,
19121, 20844,	3624, 3626, 3627,	1412, 1414, 1415,
22355, 22399, 22499	3630, 3631, 3638,	1435, 1436, 1437,
\NOT . . 5368, 5369, 5408,	3640, 3641, 3846,	1441, 1442, 1443,
5428, 5432, 6115,	4465, 4580, 4586,	1444, 1445, 1449,
6144, 6173, 6255, 6259	4592, 4595, 4601,	1450, 1478, 1479,
\null . . . 420, 434, 488,	4605, 6933, 7027,	1480, 1482, 1483,
628, 631, 747, 776,	8266, 8268, 8277,	2160, 2166, 2172,
837, 935, 938, 999,	8281, 8345, 8366,	2178, 2184, 2190,
1028, 1089, 1187,	8720, 8741, 8786,	2192, 2194, 2196,
1190, 1249, 1278,	8792, 8795, 8838,	2202, 2208, 2214,
1339, 6376, 6950,	8844, 8847, 9098,	2227, 2235, 2242,
7194, 7197, 7250,	9101, 13789, 15765	2252, 7835, 7836,
7279, 7382, 7385,	\numberline . . . . .	7837, 7839, 7840,
7427, 7456, 7529,	. . . 5461, 14098,	13103, 13107,
7543, 7597, 9290,	14103, 15384,	20417, 20420,
9304, 9354, 9385,	20103, 21212,	20423, 21355,
9399, 9453, 11390,	21430, 21433, 21436	21466, 21473,
11404, 11454,	\numberline@box . . .	21695, 21744,
13709, 13726,	. . . . . 20808, 20809	22147, 22148, 22150
15648, 15658,	\numberline@tempa 21432	\orig@footnotetext
15659, 15670,	\numberwithin . . . . . 329	. . 152, 15779, 15796
15671, 16667,	\numexpr . . 3649, 5069,	





<code>\orig@LTRfootnotetext</code>	7619, 7634, 7647,	17505, 17507,
.. 156, 15784, 15800	7649, 7651, 7653,	17521, 17526,
<code>\orig@RTLfootnotetext</code>	7667, 7673, 7678,	17530, 17533,
.. 160, 15789, 15804	7681, 7686, 7918,	17538, 17776,
<code>\origin@RaggedLeft</code>	7928, 7941, 7951,	17780, 17783,
. 16640, 16642, 16643	7964, 7974, 7987,	17787, 18255,
<code>\origin@RaggedRight</code>	7997, 8294, 8301,	18273, 18430,
. 16641, 16642, 16643	8460, 8480, 8698,	18434, 18437,
<code>\originalHbadness</code> .	8699, 9206, 9220,	18441, 18929,
..... 21528, 21546	9276, 9278, 9280,	18948, 19115,
<code>\othermargin</code> ..... 879	9282, 9291, 9386,	19119, 19122,
<code>\outer</code> ..... 2441	9475, 9499, 9505,	19126, 19606,
<code>\outer@nobreak</code> ....	9510, 9514, 9519,	19625, 20136,
2820, 5735, 5779,	9575, 9577, 9579,	20411, 20579,
5823, 22349, 22393	9581, 9624, 9625,	20582, 20586,
<code>\outputpenalty</code> ....	11310, 11325,	20691, 20694,
.... 8409, 8412,	11338, 11343,	20698, 21111,
8421, 8424, 8434,	11347, 11350,	21114, 21118,
8437, 14524, 14525	11355, 11358,	21124, 21226,
<code>\overfullrule</code> .....	11360, 11362,	21410, 22108, 22571
.. 2854, 2855, 16521	11364, 11391,	<code>\p@enumiv</code> ..... 86,
<code>\OVP@calc</code> ..... 16092	11492, 11889,	289, 580, 715, 978,
	11891, 11892,	1228, 1903, 3064,
	11893, 11894,	7209, 7397, 7706,
	11895, 11927,	9268, 9539, 11376,
	12646, 12653,	13743, 16760,
	12692, 12699,	17154, 17348,
	12744, 13757,	17551, 18091,
	13761, 13770,	18766, 19443, 20075
	13772, 13773,	<code>\p@subfigure</code> ..... 19800
	13774, 13826,	<code>\p@subtable</code> ..... 19801
	13844, 13846,	<code>\PackageError</code> .....
	13848, 13850,	..... 144, 3222,
	15310, 15640,	3254, 3257, 3262,
	15652, 15664,	3265, 3270, 3273,
	15758, 15759,	3278, 3281, 3432,
	15806, 15808,	5006, 5133, 6241,
	15809, 15810,	10941, 14033,
	16652, 16656,	14040, 14208,
	16685, 16701,	14211, 14214,
	16717, 16724,	14217, 14220,
	16739, 16745,	14223, 14226,
	16793, 16907,	14229, 14233,
	16911, 16932,	14236, 14239,
	17057, 17073,	14242, 14245,
	17089, 17096,	14248, 14251,
	17162, 17168,	14254, 14257,
	17197, 17289,	14260, 14263,
	17303, 17319,	14266, 14269,
	17321, 17323,	14272, 14275,
	17325, 17366,	14278, 14281,
	17371, 17384,	14284, 14287,
	17473, 17488,	14290, 14293,
	17501, 17503,	14296, 14299,

<b>P</b>
<code>\p@</code> ... 27, 29, 30, 31, 99,
103, 219, 223, 231,
233, 234, 235, 311,
421, 510, 527, 539,
541, 543, 545, 597,
602, 613, 617, 646,
662, 680, 687, 723,
729, 748, 862, 866,
873, 889, 906, 924,
959, 961, 964, 966,
1000, 1114, 1118,
1129, 1145, 1163,
1171, 1203, 1209,
1250, 2102, 2387,
2893, 2894, 2898,
2899, 5168, 5169,
5170, 5177, 5178,
5179, 5181, 5182,
6387, 6388, 6389,
6391, 6392, 6458,
7124, 7128, 7139,
7155, 7171, 7178,
7217, 7223, 7251,
7301, 7305, 7316,
7332, 7348, 7355,
7370, 7376, 7428,
7472, 7478, 7483,
7487, 7489, 7492,
7495, 7499, 7501,
7511, 7516, 7530,



14302,	14305,	\pageref . . . . .	3040, 3042	6496, 6621, 6623,
14308,	14311,	\pageshrink	8256, 8259,	6625, 6643, 6644,
14314,	14317,		8285, 8309, 12255,	6645, 6819, 6926,
14320,	14323,		12259, 12275,	6940, 6951, 6969,
14326,	14329,		12301, 12313, 21598	7044, 7052, 7077,
14332,	14335,	\pagestretch . . . . .		7148, 7161, 7186,
14338,	14341,		. . . 8310, 12254,	7197, 7259, 7269,
14344,	14347,		12275, 12313, 21602	7276, 7277, 7325,
14350,	14353,	\pagestyle . . . . .		7338, 7363, 7385,
14356,	14359,		2446, 2892, 2900,	7436, 7446, 7453,
14362,	14365,		3043, 5488, 6724, 8585	7454, 7477, 7485,
14368,	14371,	\pagetotal . . . . .	12241,	7497, 7532, 7538,
14374,	14377,		12246, 12252,	7540, 7541, 7560,
14380,	14383,		15267, 15608,	7603, 7609, 7613,
14386,	14389,		15611, 15622,	7625, 7642, 7672,
14392,	14395,		21590, 21595, 21653	7677, 7685, 7762,
14398,	14401,	\paperheight . . . . .		7903, 8706, 8727,
14404,	14407,		2829, 2832, 2835,	9214, 9226, 9242,
14410,	14413,		2838, 2841, 2844,	9245, 9253, 9293,
14416,	14419,		2847, 2848, 8981,	9299, 9301, 9302,
14422,	15770,		17818, 18472, 19157	9319, 9358, 9364,
20036, 20389, 22134		\paperwidth	2830, 2833,	9368, 9388, 9394,
\PackageInfo . . . . .			2836, 2839, 2842,	9396, 9397, 9416,
	. . . . . 3434, 4694,		2845, 2848, 2849,	9459, 9465, 9469,
	4796, 4943, 5135,		8981, 8988, 8998,	9480, 9504, 9509,
	13915, 16623, 21452		17816, 18470, 19155	9518, 9552, 9557,
\PackageWarning	138,	\par	5, 15, 46, 60, 76, 107,	9560, 9562, 9563,
	3433, 4047, 4164,		108, 109, 110, 200,	9573, 9874, 9980,
	4797, 4826, 7029,		210, 227, 228, 229,	9983, 9986, 10086,
	8501, 8599, 11642,		249, 263, 278, 310,	10089, 10092,
	12345, 13873,		313, 404, 423, 429,	10192, 10195,
	13885, 15704,		431, 432, 451, 494,	10198, 10301,
	15764, 15852,		500, 504, 516, 535,	10304, 10307,
	15859, 15998,		562, 565, 631, 641,	10410, 10413,
	20380, 20731, 20822		655, 668, 695, 756,	10416, 10519,
\PackageWarningNoLine			766, 773, 774, 802,	10522, 10525,
	3097, 3462, 3487,		841, 847, 851, 883,	10628, 10631,
	3516, 3541, 3573,		897, 912, 938, 952,	10634, 10737,
	3579, 3607, 3613, 4993		1008, 1018, 1025,	10740, 10743,
\page@sofar . . . . .	164, 15676		1026, 1054, 1093,	10846, 10849,
\pagebreak . . . . .			1099, 1103, 1138,	10852, 11184,
	. 14443, 21598, 21607		1151, 1179, 1190,	11194, 11203,
\pagecontents . . . . .	16456		1200, 1258, 1268,	11212, 11316,
\pagedepth . . . . .	21592		1275, 1276, 1304,	11333, 11342,
\pagefillstretch .	21604		1344, 1350, 1355,	11346, 11354,
\pagefilstretch . .	21603		1360, 1363, 1630,	11393, 11399,
\pagefootnoterule .			1930, 1934, 1960,	11401, 11402,
	. . . . . 11925, 11933		1967, 1974, 1989,	11419, 11458,
\pagegoal	12239, 12241,		2441, 2477, 2818,	11464, 11468,
	12246, 12253,		5362, 5370, 5429,	11636, 12096,
	12294, 12296,		5430, 5433, 5434,	13765, 13766,
	14530, 15610, 21595		5459, 5468, 5469,	13767, 13786,
\pageinwindow . . . . .	8020		5638, 5654, 6378,	13796, 13804,
\pagenumbering	2901, 6723		6493, 6494, 6495,	13832, 13837,



13840,	13842,	18531,	18535,	15938,	15939,
13932,	14074,	18537,	18539,	15940,	15941,
14476,	14599,	18554,	18558,	15942,	15943,
14622,	14626,	18580,	18588,	15944,	15946,
15254,	15326,	18856,	19105,	15947,	15948,
15332,	15338,	19198,	19199,	15949,	15951,
15342,	15348,	19204,	19207,	15952,	15953,
15363,	15382,	19209,	19216,	15954,	15956,
15391,	15648,	19220,	19222,	15957,	15958,
15660,	15673,	19224,	19239,	15959,	15960,
15911,	15923,	19243,	19265,	15961,	15963,
15985,	16263,	19273,	19533,	15964,	15965,
16434,	16435,	19831,	20441,	15966,	15967,
16436,	16437,	20447,	20604,	15968,	15970,
16530,	16531,	20713,	20837,	15971,	15972,
16538,	16539,	21321,	21423,	15973,	15974,
16599,	16670,	21480,	21481,	18210,	18884, 19561
16680,	16694,	21487,	21488,	\parfillskip . 13, 208,	
16707,	16732,	21490,	21498,	514, 531, 650, 666,	
16801,	16811,	21551,	21817,	691, 877, 893, 910,	
16818,	16819,	21818,	21827,	1133, 1149, 1175,	
16847,	16886,	21828,	21986,	6369, 6945, 7143,	
16892,	16896,	21995,	22004,	7159, 7182, 7320,	
16940,	16950,	22013,	22082,	7336, 7359, 7623,	
16957,	16958,	22121, 22550, 22571		7638, 7790, 7909,	
16988,	17032,	\par@updaterelative		9210, 9224, 9478,	
17038,	17043,	. 17856, 18510, 19195		11112, 11116,	
17048,	17051,	\paragraph . . . . . 6274		11120, 11314,	
17066,	17079,	\paragraphfootnotes		11329, 13794,	
17104,	17120,	. . . . . 10944, 10950		14606, 15641,	
17130,	17194,	\parbox . . . 2989, 2991,		15653, 15665,	
17199,	17205,	8573, 9568, 11517,		16553, 16566,	
17207,	17208,	11518, 11519,		16579, 16590,	
17227,	17237,	11523, 11524,		16689, 16705,	
17275,	17280,	11525, 12904,		16728, 17061,	
17283,	17294,	12906, 12910,		17077, 17100,	
17311,	17386,	12912, 12943,		17292, 17307,	
17392,	17394,	12944, 12947,		17477, 17492,	
17395,	17414,	12948, 13005,		19987, 20016,	
17457,	17463,	13006, 13009,		20046, 20165,	
17467,	17479,	13010, 13034,		20196, 20219,	
17496,	17525,	13036, 13040,		20236, 20253,	
17529,	17537,	13042, 14480,		20270, 20287,	
17766,	17859,	15320, 15349,		20304, 20322,	
17860,	17865,	15909, 15911,		20341, 20361,	
17868,	17870,	15912, 15914,		20396, 20591,	
17877,	17881,	15916, 15917,		20703, 20771,	
17883,	17885,	15919, 15921,		20773, 20837,	
17900,	17904,	15923, 15924,		21295, 21297,	
17926,	17934,	15926, 15928,		21411, 22024, 22109	
18062,	18181,	15929, 15930,		\parindent 12, 42, 56,	
18420,	18513,	15931, 15932,		72, 103, 207, 223,	
18514,	18519,	15933, 15935,		245, 259, 274, 455,	
18522,	18524,	15936, 15937,		513, 530, 557, 601,	



616, 652, 665, 690,	20220,	20237,	\partname . . . . 561, 9241
742, 759, 865, 880,	20254,	20271,	\partopsep . . . . .
892, 909, 946, 994,	20288,	20305,	1900, 6434, 15305,
1011, 1057, 1117,	20323,	20342,	15307, 16054, 16074
1135, 1148, 1174,	20362,	20397,	\PassOptionsToClass
1244, 1261, 1958,	20590,	20702,	6676, 6677, 6678,
1965, 1972, 2481,	20776,	20778,	6679, 6680, 6700,
2896, 5190, 5861,	21231,	21292,	6701, 6702, 6703, 6704
6370, 6412, 6420,	21293,	21412,	\PassOptionsToPackage
6485, 6638, 6944,	21823,	21833,	. . . . . 5693, 6523
7047, 7127, 7145,	21924,	22024,	\pbs . . . . . 16118, 16136
7158, 7181, 7245,	22049, 22050, 22110		\pdfencryptsetup . .
7262, 7304, 7322,	\parsep . . . 949, 5182,		. . . 2153, 2154, 2262
7335, 7358, 7422,	5183, 6392, 6393,		\pdflastxpos . . . 3444,
7439, 7473, 7493,	6431, 6458, 21923		3472, 3552, 3589
7515, 7564, 7622,	\parshape . . . . . 7759,		\pdflastypos . . . 3498,
7637, 7668, 7682,	12367, 12375,		3526, 3555, 3592
7786, 7817, 7908,	13982, 16060,		\pdfm@box . . . . 13710,
9209, 9223, 9237,	16080, 16269,		13718, 13727, 13735
9250, 9323, 9420,	16434, 16436,		\pdfsavepos 3454, 3456,
9477, 9500, 9515,	17193, 17236,		3479, 3481, 3508,
9627, 9895, 9975,	17747, 17749,		3510, 3533, 3535,
10081, 10187,	17760, 17762,		3565, 3567, 3599, 3601
10296, 10405,	18400, 18402,		\pdfstringdefDisableCommands
10514, 10623,	18414, 18416,		. . . . . 13634
10732, 10841,	19085, 19087,		\penalty 751, 1003, 1253,
11111, 11115,	19099, 19101,		6865, 7187, 7254,
11119, 11220,	21817, 21827,		7364, 7431, 7643,
11229, 11313,	21953, 21988,		7747, 7753, 8406,
11328, 11339,	21990, 21991,		8418, 8431, 10913,
11351, 11423,	21992, 21997,		11113, 11117,
12618, 13761,	21999, 22000,		11121, 11334,
13793, 14602,	22001, 22006,		12276, 16733,
15642, 15654,	22008, 22009,		16796, 16935,
15666, 15978,	22010, 22015,		17105, 17312,
16554, 16567,	22017, 22018, 22019		17497, 20605,
16580, 16591,	\parskip 103, 223, 602,		21219, 21327, 21594
16655, 16691,	617, 866, 1118,		\pgf@baseline . . . . 16224
16704, 16727,	2474, 2897, 5191,		\pgf@insertlayers 16246
16787, 16804,	5862, 6413, 6421,		\pgf@nodecallback 16202
16910, 16926,	6484, 6639, 6943,		\pgf@oldpicture . . 16209
16943, 17063,	7046, 7081, 7128,		\pgf@picmaxx . . 16203,
17076, 17099,	7305, 7516, 8410,		16215, 16217, 16235
17194, 17237,	8422, 8435, 9556,		\pgf@picmaxy 16205, 16219
17274, 17291,	9559, 9561, 9563,		\pgf@picminx . . . . .
17306, 17370,	13761, 13836,		. 16204, 16218, 16228
17418, 17476,	13839, 13841,		\pgf@picminy 16206, 16220
17491, 17522,	14602, 14611,		\pgf@picture . . . . . 16209
17534, 17728,	16269, 16602,		\pgf@picture@serial@count
17767, 18381,	16656, 16911,		. . . . . 16200, 16201
18421, 19066,	17274, 17371,		\pgf@process . . . . .
19106, 19997,	20136, 21231,		. 16224, 16227, 16234
20034, 20135,	21589, 21593, 21923		\pgf@relevantforpicturesizefalse
20166, 20197,	\part . . . . . 23, 13780		. . . . . 16223



<code>\pgf@relevantforpicturesize</code> .....	16207	<code>\write</code> .....	6432	<code>\predisplaydirection</code> .....	16482,
<code>\pgf@remember@layerlist@global</code> .....	16241	<code>\plparsep</code> .....	6431		16483, 22558, 22559
<code>\pgf@resetpathsizes</code> .....	16208	<code>\plparstopsep</code> .....	6434	<code>\predisplaypenalty</code> .....	11609, 11623
<code>\pgf@restore@layerlist@from@global</code> .....	16245	<code>\pLRE</code> 2095, 2096, 2380, 2381		<code>\premath</code> .....	7749
<code>\pgf@shift@baseline</code> .....	16225	<code>\PLS@Rotate</code> .....		<code>\prepare@bidi@copyins</code> .....	12384,
<code>\pgf@trimleft</code> ....	16227	<code>\pftopsep</code> .....	6433		12417, 12466, 12624
<code>\pgf@trimleft@final</code> ..	16229, 16230, 16232	<code>\poem@finish</code> .....		<code>\prepare@multicol</code> 15837	
<code>\pgf@trimright</code> ...	16234	... 6976, 7026, 7033		<code>\preparefootins</code> ...	12416, 12465
<code>\pgf@trimright@final</code> ..	16236, 16237, 16239	<code>\poem@line</code> 6903, 6909, 6960		<code>\PrependToTokenList</code> 4383	
<code>\pgf@x</code> .....	16228,	<code>\poem@linebegin</code> 6860, 6918		<code>\prepnext@tok</code> .....	1407, 1417,
	16232, 16235, 16239	<code>\poem@lineend</code> . 6861, 6924			1465, 1497, 7827, 7855
<code>\pgf@y</code> .....	16225	<code>\poem@lineparsebegin</code> ..	6872, 6929, 6956	<code>\presetkeys</code> .....	21580
<code>\pgfpic</code> .....	16255	<code>\poem@lineparseend</code> ..	6898, 6910, 6967	<code>\prevdepth</code> ....	5362,
<code>\pgfpicture</code> .....	16196	<code>\poem@lineversesep</code> .....	6862, 6921		5370, 8327, 8776,
<code>\pgfpictureid</code> 16201, 16212		<code>\poem@needrun</code> .. 6854,			8830, 15310, 15701
<code>\pgfpicturetrue</code> ..	16199	6973, 7028, 7030		<code>\pRLE</code> 2097, 2098, 2382, 2383	
<code>\pgfsys@discardpath</code> .....	16248	<code>\poem@obeylines</code> 6955,		<code>\process@cols</code> . 15677,	
<code>\pgfsys@endpicture</code> 16251		7024, 7064, 7088			15710, 15724, 15730
<code>\pgfsys@endscope</code> . 16250		<code>\poem@prop</code> ... 6936, 7038		<code>\ProcessOptions</code> ...	2859, 5158,
<code>\pgfsys@markposition</code> .....	16212	<code>\poem@startedfalse</code> ..	6953, 7062, 7068		6249, 6508, 6540,
		<code>\poem@startedtrue</code> .			6681, 6705, 8503, 8601
<code>\pgfsys@typesetpicturebox</code> .....	16255	..... 6911,		<code>\ProcessOptionsX</code> ..	2260
<code>\pgfutil@gobble</code> ..	16202	6912, 6952, 7054,		<code>\protect</code> .....	400,
<code>\pgfutil@ifnextchar</code> .....	16209	7056, 7061, 7069, 7071			2095, 2096, 2097,
<code>\phantom</code> ...	14853, 15699	<code>\poem@verse</code> .....			2098, 2323, 2380,
<code>\phantomsection</code> ...	2987	... 6849, 6919, 6922			2381, 2382, 2383,
<code>\phone</code> .....	2947	<code>\poem@width</code> .....			2639, 2645, 2651,
<code>\phonesymbol</code> .....	2907, 8580, 8678	6852, 6853, 6857,			2657, 2666, 2672,
<code>\photo</code> .....	2952	6934, 6936, 6939, 6972			3707, 3708, 4341,
<code>\picbox</code> .....	16374	<code>\poem@write@aux</code> ...			4347, 5048, 5461,
<code>\picinwindow</code> .....	8040	... 6975, 7027, 7039			11699, 12110,
<code>\picwd</code> .....	16262,	<code>\poemblocksep</code> .....			12124, 14098,
	16265, 16373, 16375	... 6846, 6950, 7050			14103, 14464,
<code>\place@tag</code> . 338, 339, 341		<code>\poemcolsepskip</code> 6837, 6866			15384, 19821,
<code>\plainauthor</code> .....	5500, 6543,	<code>\poemextrabaselineskip</code> ..	6839, 6927, 6962		19822, 19826,
	6545, 6584, 6585, 6588	<code>\poemmarginskip</code> ...			19834, 20103,
<code>\plainfootnotes</code> ...	9740	... 6838, 6860, 6861			20447, 21760, 22462
<code>\plainpublisher</code> ...	6546, 6611, 6612	<code>\poemskip</code> 6840, 6940, 6971		<code>\protected</code> ....	2380,
<code>\plaintitle</code> 5501, 5502,		<code>\postbibhook</code> .....	15398		2382, 3432, 3433,
	6543, 6544, 6567,	<code>\postCutedStrip</code> ...	8432		3434, 3655, 3663,
	6568, 6571, 6739, 6741	<code>\postdisplaypenalty</code> .....	11610, 11624		3665, 3671, 3857,
		<code>\postmath</code> .....	7753		3873, 3889, 3912,
		<code>\PotEndMark</code> .....			3914, 3964, 4019,
		... 9050, 9055, 9058			4034, 16398,
		<code>\preCutedStrip</code> 8408, 8420			16408, 16418,
					16426, 21777,
					21787, 21797, 21806



<code>\protected@edef</code> . 43, 57, 73, 246, 260, 275, 1657, 1674, 1691, 1706, 1721, 1736, 6060, 6078, 6096, 9656, 9670, 9684, 9696, 9707, 9718, 9947, 9957, 9967, 9993, 10006, 10018, 10056, 10065, 10074, 10099, 10111, 10122, 10159, 10169, 10179, 10205, 10218, 10230, 10268, 10278, 10288, 10314, 10327, 10339, 10377, 10387, 10397, 10423, 10436, 10448, 10486, 10496, 10506, 10532, 10545, 10557, 10595, 10605, 10615, 10641, 10654, 10666, 10704, 10714, 10724, 10750, 10763, 10775, 10813, 10823, 10833, 10859, 10872, 10884, 11079, 11091, 11103, 11140, 11154, 11168, 11981, 11998, 12014, 12042, 12056, 12070	2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 3144, 6021, 6028, 6029, 6438, 8564, 8569, 11832	19798, 19803, 19837, 19912, 19942, 19961, 19981, 20010, 20059, 20140, 20448, 21210, 21456, 21585, 21661, 21765, 22721	
<code>\protected@write</code> 2221, 2225, 5028, 5039	<code>\ProvidesClass</code> . . . . . . . 2826, 6675, 6699	<code>\ProvidesPackage</code> . . . . . . 1996, 2445, 2501, 2634, 3075, 3143, 5129, 5695, 6237, 6383, 6499, 6526, 6764, 8490, 8588	
<code>\protected@xdef</code> . . . . . . . 1765, 1791, 1817, 6123, 6152, 6181, 6564, 6581, 6597, 6608, 11946, 11955, 12109, 12114, 12123, 12129, 13278, 13316, 13349, 13380, 13411, 13474	<code>\ProvidesExplPackage</code> . . . . . 14660	<code>\prune</code> . . . . . 16279, 16317, 16321, 16326, 16330, 16342, 16353, 16380	
<code>\providecommand</code> . . . 2904, 2905, 2906, 2907, 2908, 2909,	<code>\ProvidesFile</code> . . . . 1, 131, 165, 196, 326, 344, 349, 351, 410, 605, 854, 1106, 1366, 1501, 1516, 1599, 1830, 1916, 7116, 7293, 7470, 7503, 7716, 7771, 7813, 7815, 7818, 7856, 7899, 7914, 8010, 8048, 8692, 8857, 8976, 8979, 9040, 9202, 9375, 9549, 9582, 11306, 11482, 11511, 11527, 11604, 11634, 11643, 11648, 11798, 12138, 12205, 12382, 12625, 12752, 12794, 13095, 13739, 13825, 13829, 13851, 13988, 14027, 14131, 14425, 14551, 14577, 14585, 15242, 15399, 15637, 15675, 15908, 15975, 16003, 16041, 16062, 16082, 16116, 16139, 16147, 16195, 16259, 16487, 16528, 16544, 16644, 16899, 17176, 17358, 17561, 17690, 18343, 19028, 19705, 19712, 19772,	<code>\prw@mkboth</code> . . . 20109, 20114, 20126, 20131	<code>\psgrid</code> . . . . . 16491 <code>\pspicture</code> . . . . . 16488 <code>\psset</code> . . . . . 16526 <code>\pst@dima</code> . . . . . 16503 <code>\pst@dimb</code> 16501, 16506, 16508, 16513, 16516 <code>\pst@dimc</code> . . . . . 16519 <code>\pst@dimd</code> . . . . 16500, 16506, 16507, 16508, 16509, 16513, 16514, 16515, 16516, 16517 <code>\pst@hbox</code> . . . . 16496, 16500, 16501, 16502, 16518, 16520, 16521, 16523 <code>\pst@ifstar</code> . . . . . 16488 <code>\pst@killglue</code> . . . . 16492 <code>\pst@picture</code> . . . . 16488 <code>\pst@shift</code> . . . . . . 16493, 16515, 16523 <code>\pst@tempa</code> . 16505, 16507 <code>\publisher</code> . . . 6601, 6602 <code>\publishers</code> . . . . . . 18037, 18691, 19376 <code>\put</code> . . . . . 7919, 7920, 7921, 7922, 7923, 7924, 7929, 7930, 7931, 7932, 7933, 7934, 7942, 7943, 7944, 7945, 7946, 7947, 7952, 7953, 7954, 7955, 7956, 7957, 7965,



7966, 7967, 7968, 7969, 7970, 7975, 7976, 7977, 7978, 7979, 7980, 7988, 7989, 7990, 7991, 7992, 7993, 7998, 7999, 8000, 8001, 8002, 8003, 8981, 9005, 9035, 16095, 16097, 16110, 16113	1504, 1511, 1966, 7473, 7668, 7682, 9237, 9250, 9500, 9515, 9552, 9555, 9560, 9568, 11339, 11351, 13762, 13782, 13832, 13835, 13840, 15281, 15282, 16531, 16533, 16539, 17522, 17534, 18045, 18046, 18121, 18122, 18123, 18125, 18699, 18796, 18797, 18798, 18800, 19384, 19473, 19474, 19475, 19477, 22025, 22027, 22029, 22030	18797, 18798, 18800, 19384, 19473, 19474, 19475, 19477, 20782, 20785, 20789, 20901, 22021, 22026, 22028, 22029, 22030
<b>Q</b>		<code>\RaggedRightLeftskip</code> ..... 16576
<code>\Q</code> ..... 5878, 5900		<code>\RaggedRightParfillskip</code> ..... 16579
<code>\q</code> 14748, 14751, 14980, 15034		<code>\RaggedRightParindent</code> ..... 5188,
<code>\qauthor</code> ..... 16529		5859, 6418, 16580
<code>\qqquad</code> ..... 6314, 6321, 6328, 6335, 6342, 6377, 16531		<code>\RaggedRightRightskip</code> ..... 6415, 16577
<code>\quad</code> ..... 2140, 2414, 5500, 5501, 5502, 6739, 6740, 6741, 6846, 21890, 21899	<code>\RaggedLeftLeftskip</code> ..... 16563	<code>\raggedsection</code> .... . 18045, 18699, 19384
<code>\quote</code> ..... 2953	<code>\RaggedLeftParfillskip</code> ..... 16566	<code>\raise</code> .... 1950, 1951, 1952, 11505, 13777
<code>\quotecolour</code> ..... ... 2915, 8508, 8606	<code>\RaggedLeftParindent</code> ..... 16567	<code>\raisebox</code> . 5413, 5418, 5429, 5430, 5433, 5434, 9048, 9053, 9069, 9072, 9188, 12917, 12919, 12923, 12925, 12952, 12953, 12956, 12957, 13014, 13015, 13018, 13019, 13047, 13049, 13053, 13055, 13983
<code>\quote font</code> .... 2924, 2932, 8548, 8641	<code>\RaggedLeftRightskip</code> ..... 16564	<code>\rangle</code> ..... 2548
<code>\quotestyle</code> ..... ... 2932, 8561, 8690	<code>\raggedpart</code> ..... 18046	<code>\rawtext</code> ..... 16269, 16275, 16297, 16298, 16379, 16383
<code>\quotewidth</code> .... 2954, 2966, 8561, 8690	<code>\RaggedRight</code> .. 16571, 16609, 16624, 16629, 16641, 16643, 19710, 19711, 22675, 22679, 22685, 22689	<code>\rbrace</code> .... 21879, 21888
<b>R</b>	<code>\raggedright</code> .... 25, 104, 224, 557, 1506, 1513, 1973, 7473, 7493, 7668, 7682, 9237, 9250, 9500, 9515, 9552, 9555, 9560, 9568, 11339, 11351, 13762, 13782, 13832, 13835, 13840, 15281, 15282, 16531, 16533, 16539, 17522, 17534, 18045, 18046, 18121, 18122, 18123, 18125, 18699, 18796,	<code>\rcol@footinsskip</code> . ..... 12397, 12446
<code>\R@@page</code> ..... 17566, 17567, 17576, 17578, 17609, 17610, 17621, 17623		<code>\realfootnote</code> .... 13471
<code>\raggedbottom</code> ..... 2902		<code>\recomputelengths</code> . ..... 2965, 2982
<code>\raggeddictum</code> ..... . 18121, 18796, 19473		<code>\recomputethemelengths</code> ..... 2964, 2980, 8653, 8658
<code>\raggeddictumauthor</code> . 18123, 18798, 19475		<code>\reflectbox</code> ..... 12686
<code>\raggeddictumtext</code> . . 18122, 18797, 19474		<code>\refname</code> ..... 570, 571, 705, 706, 968, 969, 1218, 1219, 3051, 6473, 9258, 9259
<code>\raggedfootnote</code> ... . 17712, 18365, 19050		<code>\refstepcounter</code> 552, 9232, 11625,
<code>\RaggedLeft</code> ... 16558, 16607, 16623, 16627, 16640, 16642, 19710, 19711, 22675, 22679, 22683, 22691		
<code>\raggedleft</code> ..... 25, 104, 224, 557,		



12143,	12149,	1442, 1592, 1770,	7546, 7547, 7548,
13648,	14086,	1796, 1822, 1852,	7549, 7554, 7555,
14092,	14427,	1925, 1927, 1944,	7556, 7557, 7581,
15375,	16051,	1946, 1948, 2158,	7582, 7583, 7584,
16072,	18132,	2164, 2170, 2176,	7585, 7590, 7591,
18807, 19484, 20100		2182, 2188, 2200,	7592, 7593, 7617,
\regex . . . . .	14688,	2206, 2212, 2219,	7759, 7773, 7774,
14693,	14696,	2228, 2229, 2233,	7775, 7780, 7781,
14699,	14702,	2240, 2250, 2323,	7782, 7783, 7786,
14703,	14739,	2356, 2488, 2489,	7790, 7791, 7792,
14744,	14746,	2490, 2495, 2496,	7793, 7794, 7795,
14790, 14791, 14803		2497, 2498, 2722,	7895, 7913, 8063,
\reinsert@footnotes		2730, 2738, 2789,	8126, 8257, 8259,
. . . . .	15838,	2859, 3118, 3123,	8294, 8320, 8350,
15840,	15868,	3129, 3144, 3342,	8503, 8601, 8693,
15870,	15875,	3345, 3355, 3373,	8694, 8695, 8696,
15877, 15882, 15884		3427, 3628, 3632,	8697, 8709, 8730,
\relax . . . . .	2, 8, 10,	3642, 3649, 3662,	8784, 8796, 8799,
12, 14, 28, 85, 103,		3846, 3850, 4181,	8836, 8848, 8851,
132, 166, 197, 203,		4182, 4186, 4225,	9012, 9030, 9091,
205, 207, 209, 223,		4226, 4268, 4291,	9170, 9218, 9286,
232, 288, 301, 319,		4418, 4432, 4495,	9287, 9288, 9307,
400, 414, 415, 416,		4497, 4506, 4507,	9308, 9313, 9314,
437, 438, 439, 440,		4523, 4531, 4548,	9315, 9316, 9340,
445, 446, 447, 448,		4559, 4564, 4613,	9341, 9342, 9347,
472, 473, 474, 475,		4637, 4652, 4669,	9348, 9349, 9350,
476, 481, 482, 483,		4684, 4700, 4717,	9379, 9380, 9381,
484, 508, 602, 617,		4729, 4761, 4772,	9402, 9403, 9404,
624, 654, 660, 678,		4851, 5059, 5060,	9405, 9410, 9411,
731, 738, 739, 740,		5069, 5097, 5162,	9412, 9413, 9437,
744, 753, 762, 779,		5660, 5869, 5977,	9438, 9439, 9440,
780, 785, 786, 787,		6040, 6044, 6048,	9441, 9446, 9447,
788, 791, 794, 798,		6128, 6139, 6157,	9448, 9449, 9473,
823, 824, 825, 830,		6168, 6186, 6197,	9619, 9620, 9621,
831, 832, 833, 866,		6255, 6452, 6460,	9622, 9623, 9752,
882, 904, 922, 931,		6465, 6496, 6681,	9932, 9976, 10041,
965, 990, 991, 992,		6705, 6801, 6806,	10082, 10144,
996, 1005, 1014,		6809, 6816, 6854,	10188, 10253,
1031, 1032, 1037,		6860, 6955, 6973,	10297, 10362,
1038, 1039, 1040,		7002, 7009, 7016,	10406, 10471,
1043, 1046, 1050,		7028, 7064, 7128,	10515, 10580,
1075, 1076, 1077,		7135, 7147, 7153,	10624, 10689,
1082, 1083, 1084,		7169, 7225, 7241,	10733, 10798,
1085, 1118, 1125,		7242, 7243, 7247,	10842, 10916,
1137, 1143, 1161,		7256, 7265, 7282,	10947, 10957,
1211, 1240, 1241,		7283, 7288, 7289,	10963, 10986,
1242, 1246, 1255,		7290, 7291, 7305,	11015, 11021,
1264, 1281, 1282,		7312, 7324, 7330,	11048, 11066,
1287, 1288, 1289,		7346, 7378, 7418,	11302, 11303,
1290, 1293, 1296,		7419, 7420, 7424,	11308, 11386,
1300, 1325, 1326,		7433, 7442, 7459,	11387, 11388,
1327, 1332, 1333,		7460, 7465, 7466,	11407, 11408,
1334, 1335, 1422,		7467, 7468, 7516,	11413, 11414,
1423, 1440, 1441,		7523, 7524, 7525,	11415, 11416,





11440,	11441,	16156,	16161,	17402,	17403,
11442,	11447,	16170,	16178,	17408,	17409,
11448,	11449,	16200,	16203,	17410,	17411,
11450,	11487,	16204,	16205,	17435,	17436,
11489,	11493,	16206,	16215,	17437,	17438,
11540,	11576,	16217,	16218,	17439,	17444,
11605,	11615,	16219,	16220,	17445,	17446,
11658,	11678,	16389,	16453,	17447,	17471,
11679,	11694,	16543,	16614,	17709,	17722,
11796,	11928,	16620,	16632,	17724,	17730,
11950,	11959,	16656,	16663,	17776,	17777,
12118,	12133,	16693,	16699,	17783,	17784,
12238,	12260,	16715,	16747,	17786,	17789,
12298,	12409,	16783,	16784,	17809,	17812,
12458,	12857,	16785,	16789,	17813,	17814,
12859,	12862,	16798,	16807,	17816,	17818,
12875,	12877,	16824,	16825,	17829,	17832,
12880,	13126,	16830,	16831,	17833,	17834,
13137,	13148,	16832,	16833,	17890,	17931,
13159,	13173,	16836,	16839,	17937,	17958,
13184,	13195,	16843,	16868,	18013,	18014,
13206,	13221,	16869,	16870,	18015,	18016,
13236,	13277,	16875,	16876,	18017,	18018,
13296,	13315,	16877,	16878,	18032,	18033,
13334,	13348,	16911,	16920,	18034,	18035,
13367,	13379,	16921,	16922,	18036,	18037,
13398,	13410,	16928,	16937,	18038,	18039,
13429,	13511,	16946,	16963,	18040,	18041,
13545,	13576,	16964,	16965,	18043,	18061,
13605,	13742,	16966,	16971,	18263,	18279,
13761,	13771,	16972,	16973,	18362,	18375,
13783,	13789,	16974,	16977,	18377,	18383,
13791,	13793,	16980,	16984,	18430,	18431,
13795,	13880,	17009,	17010,	18437,	18438,
13892,	13899,	17011,	17012,	18440,	18443,
13900,	13904,	17013,	17018,	18463,	18466,
13905,	13914,	17019,	17020,	18467,	18468,
13982,	14464,	17021,	17065,	18470,	18472,
14624,	14627,	17071,	17087,	18483,	18486,
14630,	14631,	17113,	17170,	18487,	18488,
14632,	14638,	17175,	17180,	18544,	18585,
15245,	15246,	17181,	17182,	18591,	18612,
15247,	15248,	17213,	17214,	18667,	18668,
15249,	15309,	17215,	17216,	18669,	18670,
15413,	15513,	17221,	17222,	18671,	18672,
15639,	15641,	17223,	17224,	18686,	18687,
15642,	15645,	17253,	17254,	18688,	18689,
15651,	15653,	17255,	17256,	18690,	18691,
15654,	15657,	17257,	17262,	18692,	18693,
15663,	15665,	17263,	17264,	18694,	18695,
15666,	15669,	17265,	17287,	18697,	18735,
15762,	15807,	17371,	17377,	18937,	18954,
16101,	16102,	17378,	17379,	19047,	19060,
16103,	16151,	17400,	17401,	19062,	19068,



19115,	19116,	20778,	20796,	214, 215, 216, 217,
19122,	19123,	20800,	20812,	289, 329, 412, 451,
19125,	19128,	20813,	20815,	453, 507, 524, 538,
19148,	19151,	20821,	20829,	542, 546, 547, 548,
19152,	19153,	20831,	20904,	549, 581, 621, 643,
19155,	19157,	20918,	20952,	659, 677, 685, 698,
19168,	19171,	20959,	20965,	700, 701, 702, 703,
19172,	19173,	21052,	21111,	716, 722, 728, 734,
19229,	19270,	21114,	21118,	735, 745, 802, 804,
19276,	19297,	21124,	21169,	870, 887, 900, 903,
19352,	19353,	21225,	21233,	921, 928, 954, 955,
19354,	19355,	21234,	21236,	956, 957, 958, 963,
19356,	19357,	21237,	21250,	979, 986, 987, 997,
19371,	19372,	21261,	21265,	1054, 1056, 1122,
19373,	19374,	21270,	21275,	1126, 1142, 1160,
19375,	19376,	21283,	21287,	1169, 1182, 1202,
19377,	19378,	21296,	21297,	1208, 1213, 1214,
19379,	19380,	21308,	21316,	1215, 1216, 1229,
19382,	19412,	21327,	21333,	1236, 1237, 1247,
19614,	19631,	21337,	21341,	1304, 1306, 1509,
19719,	19756,	21358,	21362,	1600, 1647, 1664,
19819,	19834,	21411,	21412,	1681, 1698, 1713,
19844,	19846,	21415,	21463,	1728, 1751, 1777,
19875,	20033,	21471,	21612,	1803, 1850, 1904,
20051,	20052,	21695,	21744,	2477, 2479, 2851,
20136,	20145,	21759,	21852,	2852, 2853, 2889,
20163,	20166,	21909,	21921,	2890, 2895, 2944,
20169,	20194,	21972,	22052,	2948, 2979, 2984,
20197,	20200,	22055,	22057,	3065, 4611, 4635,
20217,	20220,	22109,	22110,	4967, 4972, 4992,
20223,	20234,	22113,	22133,	5005, 5027, 5038,
20237,	20240,	22142,	22146,	5166, 5175, 5216,
20251,	20254,	22181,	22228,	5334, 5337, 5338,
20257,	20266,	22565, 22566, 22567		5342, 5343, 5495,
20268,	20271,	\remainx . . . . .	15911	5496, 5845, 5846,
20274,	20283,	\remainxox .	15946, 15953	5847, 5848, 5849,
20285,	20288,	\remainxoxx . . . . .		5850, 5851, 5852,
20291,	20302,	. 15956, 15965, 15974		5853, 5907, 6022,
20305,	20308,	\remainxx . .	15914, 15916	6031, 6052, 6070,
20320,	20323,	\remainxxx . . . . .		6088, 6203, 6204,
20326,	20339,	. . 15919, 15921,		6205, 6287, 6296,
20342,	20345,	15923, 15948, 15951		6348, 6356, 6380,
20359,	20362,	\remainxxxx . . .	15926,	6385, 6396, 6397,
20365,	20377,	15928, 15930,		6398, 6399, 6400,
20392,	20394,	15932, 15958,		6401, 6402, 6468,
20397,	20400,	15960, 15963,		6473, 6475, 6476,
20414,	20444,	15967, 15970, 15972		6493, 6494, 6495,
20445,	20446,	\remainxxxxx . . . . .		6496, 6553, 6554,
20575,	20599,	. . 15935, 15937,		6555, 6557, 6561,
20687,	20716,	15939, 15941, 15943		6562, 6563, 6567,
20728,	20740,	\remove@strip .	15421,	6568, 6574, 6578,
20745,	20748,	15451, 15521, 15551		6579, 6580, 6584,
20752,	20754,	\renewcommand . . .	19,	6585, 6590, 6594,
20768,	20770,	20, 21, 22, 86, 168,		6595, 6596, 6605,



6606, 6607, 6611,	11473,	11474,	16744,	16761,
6612, 6634, 6658,	11475,	11476,	16767,	16768,
6720, 6733, 6738,	11478,	11480,	16769,	16770,
6746, 7132, 7136,	11605,	11615,	16771,	16772,
7152, 7168, 7176,	11635,	11644,	16774,	16776,
7190, 7210, 7216,	11749,	11768,	16779,	16780,
7222, 7227, 7228,	11770,	11772,	16790,	16847,
7229, 7230, 7231,	11774,	11775,	16849,	16916,
7232, 7234, 7236,	11776,	11777,	16917,	16929,
7238, 7248, 7309,	11778,	11779,	16988,	16990,
7313, 7329, 7345,	11781,	11783,	17054,	17070,
7353, 7367, 7369,	11785,	11787,	17086,	17094,
7375, 7398, 7404,	11788,	11789,	17108,	17110,
7405, 7406, 7407,	11790,	11791,	17132,	17133,
7408, 7409, 7411,	11792,	11793,	17134,	17135,
7413, 7415, 7425,	11803,	11872,	17136,	17137,
7521, 7560, 7562,	12142,	12148,	17139,	17141,
7616, 7631, 7646,	12167,	12179,	17155,	17161,
7650, 7654, 7656,	12191,	12206,	17167,	17172,
7658, 7660, 7661,	12753,	12763,	17178,	17186,
7662, 7663, 7664,	13743,	13800,	17227,	17229,
7665, 7688, 7707,	13801,	13802,	17286,	17300,
7772, 7777, 7799,	13803,	13826,	17315,	17318,
7806, 7816, 7900,	13830,	13843,	17322,	17326,
7905, 7915, 7938,	13847,	13856,	17328,	17330,
7961, 7984, 8011,	13857,	13858,	17332,	17333,
8027, 8504, 8544,	13859,	14490,	17334,	17335,
8545, 8546, 8547,	15243,	15254,	17336,	17349,
8548, 8549, 8550,	15277,	15278,	17375,	17414,
8551, 8565, 8570,	15279,	15280,	17416,	17470,
8602, 8636, 8637,	15281,	15282,	17485,	17500,
8638, 8639, 8640,	15283,	15284,	17504,	17508,
8641, 8642, 8643,	15286,	15288,	17510,	17512,
8653, 8665, 8853,	15290,	15292,	17514,	17515,
8854, 8855, 8977,	15293,	15295,	17516,	17517,
8980, 8984, 9010,	15296,	15303,	17518,	17519,
9175, 9176, 9203,	15304,	15306,	17552,	17696,
9217, 9269, 9275,	15312,	15313,	17700,	17704,
9279, 9284, 9319,	15909,	15912,	17708,	17774,
9321, 9371, 9372,	15917,	15924,	17781,	17788,
9373, 9374, 9377,	15933,	15944,	17838,	17840,
9416, 9418, 9472,	15949,	15954,	17959,	17961,
9486, 9488, 9490,	15961,	15968,	18047,	18048,
9492, 9493, 9494,	15985,	15987,	18049,	18052,
9495, 9496, 9497,	16004,	16046,	18053,	18067,
9521, 9540, 9550,	16067,	16148,	18092,	18121,
9563, 9574, 9578,	16157,	16529,	18122,	18123,
9648, 9662, 9676,	16532,	16541,	18124,	18127,
9690, 9701, 9712,	16545,	16558,	18168,	18185,
11307, 11322,	16571,	16584,	18201,	18224,
11357, 11361,	16596,	16660,	18226,	18247,
11377, 11384,	16682,	16698,	18249,	18251,
11419, 11421,	16714,	16722,	18254,	18260,
11471, 11472,	16736,	16738,	18268,	18270,



18272,	18278,	20724,	20789,	\repeat . . . . . 2278,
18349,	18353,	21103,	21105,	2279, 2280, 4445,
18357,	18361,	21107,	21123,	4452, 8026, 8302,
18428,	18435,	21130,	21132,	10927, 10936,
18442,	18492,	21134,	21137,	13942, 16287,
18494,	18613,	21141,	21146,	16334, 16345,
18615,	18700,	21150,	21154,	16356, 16384, 19858
18701,	18709,	21168,	21173,	\RequirePackage . . .
18710,	18713,	21175,	21179,	. . . . 2047, 2049,
18714,	18718,	21184,	21188,	2050, 2051, 2052,
18721,	18723,	21193,	21196,	2053, 2285, 2502,
18742,	18767,	21197,	21211,	2503, 2861, 2862,
18796,	18797,	21331,	21438,	2863, 2864, 2871,
18798,	18799,	21460,	21478,	2872, 2887, 2940,
18802,	18843,	21500,	21512,	4814, 4815, 4831,
18860,	18875,	21548,	22027,	4875, 4876, 4879,
18898,	18900,	22028,	22259,	5131, 5193, 5195,
18921,	18923,	22260,	22261,	5202, 5223, 5227,
18925,	18928,	22571,	22613,	5263, 5264, 5487,
18934,	18942,	22615,	22616,	5697, 5698, 5699,
18944,	18947,	22617,	22672,	5700, 5904, 5905,
18953,	19034,	22674,	22676,	6020, 6239, 6414,
19038,	19042,	22678,	22682,	6425, 6477, 6503,
19046,	19113,	22684, 22688, 22690		6511, 6528, 6683,
19120,	19127,	\RenewDocumentCommand		6684, 6685, 6686,
19177,	19179,	. . . . . 14846, 15179		6687, 6688, 6707,
19298,	19300,	\renewenvironment 83,		6708, 6709, 6710,
19385,	19386,	286, 569, 590,		6711, 6712, 22604,
19390,	19391,	606, 626, 633, 704,		22607, 22608,
19394,	19395,	855, 933, 940, 967,		22609, 22610, 22664
19399,	19402,	1107, 1185, 1192,		\RequireXeTeX . 2048, 2364
19404,	19419,	1217, 1517, 1608,		\reserved@a 2768, 2772,
19444,	19473,	1891, 5437, 5440,		2778, 2781, 2784,
19474,	19475,	5443, 5446, 6444,		2787, 3208, 3212,
19476,	19479,	6454, 6462, 6478,		3694, 3695, 3696,
19520,	19537,	6689, 7117, 7192,		4816, 4824, 4834,
19552,	19575,	7198, 7294, 7380,		4836, 4843, 4845,
19577,	19598,	7386, 7504, 7695,		4850, 4852, 4853,
19600,	19602,	7757, 7778, 7912,		4856, 4859, 4895,
19605,	19611,	9257, 9528, 11365,		4896, 4897, 4899,
19619,	19621,	11622, 12223,		4906, 4909, 4934,
19624,	19630,	15394, 15976,		4935, 4955, 4957,
19706,	19709,	16083, 16645,		4961, 4968, 4970,
19982,	20011,	16665, 16672,		5049, 5050, 20733,
20017,	20049,	16749, 16900,		20734, 20735,
20062,	20076,	17115, 17122,		20736, 20737,
20087,	20143,	17143, 17337,		20739, 20740,
20190,	20209,	17359, 17540,		20741, 20743,
20231,	20248,	18056, 18731,		20745, 20748,
20265,	20282,	19408, 20063,		20752, 20785,
20299,	20317,	20066, 20092, 21891		20786, 20789,
20335,	20336,	\renewrobustcmd . . .		20790, 21327, 21328
20355,	20356,	. 14615, 14641, 14652		\reserved@b 2748, 2749,
20375,	20443,	\renewtagform . . . . 14583		3208, 3212, 3213,



4806, 4807, 4835,	12052, 12053,	624, 637, 648, 649,
4893, 4895, 4912,	12066, 12067,	654, 665, 690, 693,
4929, 4930, 4935,	22354, 22398, 22498	694, 875, 876, 882,
4940, 4942, 4943,	\ResetCounterPerPage	892, 895, 896, 909,
4945, 4948, 4968, 4970	..... 2286, 3078	931, 1125, 1131,
\reserved@c .... 4908,	\resizebox ..... 12707	1132, 1137, 1148,
4911, 4912, 4916,	\restore@protect .. 3709	1174, 1177, 1178,
4927, 4940, 4954, 4958	\restoreCaptionSkip	1196, 1545, 1546,
\reserved@d .... 3207,	..... 12888	1549, 1919, 6368,
3212, 4928, 4947, 4960	\restorecounters@ . 9102	6375, 6376, 6946,
\reset@dir . 16453, 21852	\restylefloat ..... 5687	7135, 7141, 7142,
\reset@font ..... 37,	\resumename ..... 2941	7147, 7158, 7181,
51, 67, 240, 254,	\righskip ..... 20445	7184, 7185, 7312,
269, 1654, 1671,	\right 21879, 21888, 21890	7318, 7319, 7324,
1688, 1702, 1717,	\right@cor ... 15423,	7335, 7358, 7361,
1732, 5740, 5784,	15424, 15523, 15524	7362, 7622, 7637,
5828, 6056, 6057,	\right@footnoterule	7640, 7641, 7773,
6074, 6075, 6092,	26, 230, 414, 542,	7774, 7775, 7901,
6093, 9652, 9666,	728, 738, 963, 990,	7902, 7908, 9209,
9680, 9694, 9705,	1208, 1240, 1700,	9212, 9213, 9223,
9716, 9945, 9955,	1715, 7222, 7241,	9477, 9894, 11219,
9965, 9991, 10003,	7375, 7418, 7523,	11228, 11313,
10016, 10054,	7650, 9279, 9286,	11328, 11331,
10063, 10072,	9379, 9578, 11361,	11332, 13793,
10097, 10108,	11386, 11888,	13794, 14605,
10120, 10157,	11902, 11912,	15277, 15278,
10167, 10177,	12035, 12063,	15641, 15645,
10203, 10215,	13769, 13847,	15646, 15653,
10228, 10266,	14561, 14569,	15658, 15665,
10276, 10286,	15805, 16744,	15670, 16550,
10312, 10324,	16783, 16920,	16552, 16563,
10337, 10375,	17167, 17180,	16565, 16576,
10385, 10395,	17322, 17377,	16578, 16587,
10421, 10433,	17504, 17781,	16589, 16663,
10446, 10484,	17832, 18435,	16676, 16687,
10494, 10504,	18486, 19120, 19171	16688, 16693,
10530, 10542,	\rightfootnoterule	16704, 16727,
10555, 10593,	2193, 8694, 9620,	16730, 16731,
10603, 10613,	11900, 12614, 22567	17059, 17060,
10639, 10651,	\rightline ... 16486,	17065, 17076,
10664, 10702,	22037, 22041, 22043	17099, 17102,
10712, 10722,	\rightlinenumbers .	17103, 17113,
10748, 10760,	..... 14015, 14023	17126, 17175,
10773, 10811,	\rightmargin ... 948,	17291, 17306,
10821, 10831,	6430, 6449, 6457,	17309, 17310,
10857, 10869,	6463, 12360,	17315, 17316,
10882, 11077,	12364, 16539,	17476, 17491,
11089, 11101,	17722, 18375,	17494, 17495,
11138, 11152,	19060, 21914,	17714, 18367,
11166, 11710,	21925, 21931,	19052, 19986,
11975, 11976,	21937, 21945, 21949	19991, 20002,
11992, 11993,	\rightskip ... 12, 13,	20015, 20019,
12008, 12009,	207, 208, 305, 309,	20039, 20042,
12038, 12039,	513, 530, 533, 534,	20047, 20051,



20052,	20163,	\rmfamily . . . . . 734,	\RTLcite . . . . .
20164,	20165,	986, 1236, 6258,	6016, 6136, 6165,
20173,	20194,	6311, 6314, 6318,	6194, 6216, 6225, 6234
20195,	20196,	6321, 6325, 6328,	\RTLcolumnfootnotes 9741
20204,	20217,	6332, 6335, 6339,	\RTLdblcol . . . . . 22260
20218,	20219,	6342, 16779, 16916	\RTLdfnmakecol . . . . 8854
20227,	20234,	\romannumeral . . 4491,	\RTLfootfootmark 9638,
20235,	20236,	4492, 6975, 7038,	9781, 9986, 10092,
20244,	20251,	9110, 9113, 9159,	10198, 10307,
20252,	20253,	11751, 11752,	10416, 10525,
20261,	20268,	11753, 11754,	10634, 10743,
20269,	20270,	11756, 11757,	10852, 11121, 12191
20278,	20285,	11758, 11759,	\RTLfootmarkstyle .
20286,	20287,	11760, 11763,	. . . . . 9756, 9795
20295,	20302,	11764, 11765, 21917	\RTLfootnote . . . 419,
20303,	20304,	\rot@float@box 17569,	493, 1777, 2638,
20312,	20320,	17570, 17571,	2651, 6205, 6555,
20321,	20322,	17585, 17594,	7528, 7602, 9384,
20330,	20339,	17612, 17613,	9458, 11945,
20340,	20341,	17614, 17615,	12140, 12148,
20349,	20359,	17616, 17632, 17643	16925, 17031,
20360,	20361,	\rot@label . 17565, 17608	17185, 17273,
20369,	20394,	\rot@LR . . . . 17576, 17621	17382, 17456,
20395,	20396,	\rot@mess@toks 17568,	17837, 18491, 19176
20404,	20444,	17580, 17590,	\RTLfootnotetext . .
20446,	21231,	17599, 17611,	. . . . 2706, 2717,
21293,	21294,	17626, 17638, 17648	6988, 6998, 12124,
21295,	21301,	\rot@message 17599, 17648	12127, 13307,
21304,	21351,	\rot@pageref 17566, 17609	14519, 19907, 19911
21411,	21416,	\rotate . . . . . 17662	\RTLfootscript . 9756,
21439,	21446,	\rotatebox . . . 11794,	9784, 9788, 9790,
21815,	21816,	12820, 12869,	12194, 12198, 12200
22022,	22049,	13082, 14552,	\RTLfoottextfont 9639,
22050,	22109, 22114	14554, 14556,	9667, 9717, 9835,
\RL . . . 13638, 16443, 21842		14672, 14680,	9965, 9986, 10016,
\rlap . . . 306, 454, 805,		15202, 17585,	10072, 10092,
1307, 2480, 7563,		17594, 17632, 17643	10120, 10177,
9322, 9419, 11422,		\rotateframe 11756, 11793	10198, 10228,
11517, 11523,		\rotFPbot . . . . 17586,	10286, 10307,
12212, 12645,		17593, 17633, 17642	10337, 10395,
12691, 12757,		\rotFPtop . . . . 17584,	10416, 10446,
12758, 12771,		17595, 17631, 17644	10504, 10525,
12772, 13827,		\rrb . . . . . 2551, 2561	10555, 10613,
15699, 16472,		\rsb . . . . . 2550, 2559	10634, 10664,
16850, 16991,		\RTL . . 16436, 21827, 21829	10722, 10743,
17188, 17231,		\RTL@column@boxes .	10773, 10831,
17417, 17840,		. 15723, 15750, 15755	10852, 10882,
17961, 18494,		\RTL@outputdblcol .	11101, 11121, 11166
18615, 19179,		. . . 8050, 11528,	\RTLmarginnote . . . . 6227
19300, 19747, 21862		12441, 15400,	\RTLmarginpar . . . . 22359
\RLE . 2097, 2382, 13637,		22168, 22259, 22260	\RTLmulticolcolumns
16443, 16444,		\RTLbidituftesidenotemarginpar . . . . . 15748	
16448, 21465,		. . . 5789, 6089, 6230	\RTLSidenote . . 5959, 6201
21842, 21843, 21847		\RTLcases . . 21889, 21892	\RTLthanks . . . . .



.. 419, 439, 474, 493, 6555, 6563, 6580, 6596, 6607, 7528, 7548, 7583, 7602, 9384, 9404, 9439, 9458, 12122, 15247, 16925, 16965, 17011, 17031, 17185, 17215, 17255, 17273, 17382, 17402, 17437, 17456, 17837, 18016, 18491, 18670, 19176, 19355	.. 19709, 22674, 22678, 22683, 22685, 22689, 22691	\scr@dte@undottedtocline@init ..... 20450
\rtside ..... 16317, 16319, 16330, 16332, 16353, 16355	\sc@wm@text ..... 8978	\scr@ifundefinedorrelax .. 20484, 20532,
\rule ..... 46, 60, 76, 249, 263, 278, 1661, 1678, 1695, 1710, 1725, 1740, 2989, 8558, 9191, 9195, 9198, 9633, 9639, 9645, 11986, 12003, 12019, 12046, 12060, 12074, 14853, 16523	\scalebox ..... 12705 \scantokens ... 3845, 3865 \scr@@makesinglelinecaption ..... 18156, 18176, 18831, 18851, 19508, 19528	20577, 20643, 20689, 20716, 20737, 20742, 20798, 20914, 20916, 20945, 20948, 20949, 20956, 20974, 20976, 20987, 20989, 21005, 21045, 21046, 21048, 21064, 21117, 21144, 21163, 21182, 21198
	\scr@caption ..... .. 18227, 18229, 18231, 18901, 18903, 18905, 19578, 19580, 19582	\scr@LT@array . 13647, 18224, 18225, 18237, 18898, 18899, 18911, 19575, 19576, 19588
	\scr@compatibility .. 17789, 17890, 18013, 18443, 18544, 18667, 19128, 19229, 19352	\scr@makemultilinecaption ..... 18158, 18163, 18833, 18838, 19510, 19515
	\scr@dte@current .. ..... 20900, 20903	\scr@makesinglelinecaption ..... 18160, 18168, 18835, 18843, 19512, 19520
	\scr@dte@def@l@targettocline ..... 20610	\scr@parindent .... . 18336, 19021, 19698
	\scr@dte@def@l@tocline ..... 20861	\scr@samed@footnotetext ..... 17693, 17697, 18346, 18350, 19031, 19035
	\scr@dte@def@l@undottedtocline ..... 20449	\scr@samed@LTRfootnotetext .. 17691, 17694, 17701, 18344, 18347, 18354, 19029, 19032, 19039
	\scr@dte@donumwidth ..... 21130, 21131	\scr@samed@RTLfootnotetext .. 17692, 17695, 17705, 18345, 18348, 18358, 19030, 19033, 19043
	\scr@dte@largetocline@init ..... 20611	\scr@trim@spaces . 20735
\s ..... 14702, 14703	\scr@dte@nosub 20916, 20918, 20948, 20949, 20951, 20956, 20958, 20963, 20964, 20976, 20981, 20989, 20994, 21048, 21050, 21201	\scr@v@is@ge ..... . 17709, 18362, 19047
\save@dir .. 16452, 21851	\scr@dte@numberline@box ..... 20808, 20835	\scr@v@is@gt 18702, 18724
\savebox ..... 9116, 12817, 12819, 12899	\scr@dte@pagenumberwidth ..... 20846	\scr@v@is@le .. 18717, 18720, 19398, 19401
\saveCaptionSkip . 12849	\scr@dte@tocline .. ..... 20724, 21208	\scriptsize ..... 6396
\savecounters@ .... 9099	\scr@dte@tocline@init ..... 20862	\scshape ..... 7476
\saved@@dir ... 16452, 16453, 21851, 21852	\scr@dte@tocline@numberwidth ..... 20811, 20814, 20816, 20819	
\saved@tempdimb ... ... 8224, 8307, 8316	\scr@dte@tocline@numbox .. 20810, 20812, 20826	
\sbox 9182, 12851, 12868, 13869, 13877, 13922, 14068, 14481, 14671, 14679, 14871, 15158, 15197, 15202, 15314, 15329, 15361, 16084, 20001, 20018, 20810, 22548		
\SC@FLOAT 19706, 22672, 22676, 22682, 22684, 22688, 22690		
\SC@justify@caption		



<code>\secshape</code> .. 17274, 17315	5236, 5238, 5242,	10926, 10930,
<code>\SectFont</code> 629, 638, 936,	5244, 5622, 6246,	10933, 10935,
944, 1188, 1197,	6247, 6248, 6505,	10937, 11081,
7195, 7383, 16668,	6506, 6507, 6532, 6533	11093, 11105,
16677, 17118, 17127		11123, 11142,
<code>\sectfont</code> ..... 16533	<code>\setbox</code> ..... 387,	11148, 11156,
<code>\section</code> ..... 570,	1413, 1415, 1416,	11162, 11170,
598, 614, 629,	1472, 1527, 1576,	11180, 11190,
635, 638, 705, 863,	1581, 1592, 1648,	11200, 11209,
936, 942, 944, 968,	1665, 1682, 1699,	11239, 11247,
1115, 1188, 1194,	1714, 1729, 2123,	11262, 11278,
1197, 1218, 2985,	2400, 2800, 5668,	11289, 11501,
3051, 6260, 6282,	5724, 5727, 5768,	11531, 11534,
6350, 6358, 6473,	5771, 5812, 5815,	11547, 11567,
6476, 6480, 7195,	6874, 6885, 7091,	11570, 11584,
7383, 9258, 16668,	7105, 7731, 7758,	11635, 11675,
16674, 16677,	7763, 7795, 7830,	11680, 12036,
17118, 17124, 17127	7859, 8014, 8015,	12050, 12064,
<code>\sectionbib</code> ..... 20087	8019, 8022, 8032,	12083, 12274,
<code>\sectionfont</code> ... 2925,	8036, 8039, 8043,	12283, 12287,
2933, 8549, 8642	8053, 8056, 8057,	12311, 12325,
<code>\sectionstyle</code> . 2933, 2991	8071, 8088, 8104,	12395, 12402,
<code>\sectiontitlecolour</code>	8116, 8119, 8120,	12403, 12419,
..... 2916,	8134, 8147, 8163,	12444, 12451,
8511, 8519, 8526,	8188, 8189, 8193,	12452, 12468,
8533, 8540, 8610,	8225, 8226, 8228,	12519, 12531,
8616, 8622, 8628, 8634	8229, 8232, 8233,	12565, 12567,
<code>\selectfont</code> .... 347,	8261, 8267, 8270,	12578, 12603,
3650, 6621, 6623,	8278, 8316, 8317,	12628, 12637,
6625, 16097, 16110	8347, 8367, 8404,	12644, 12645,
<code>\separatorcolumnwidth</code>	8415, 8428, 8478,	12690, 12691,
2956, 2957, 2968,	8702, 8710, 8711,	14460, 14469,
2974, 2990, 2995,	8715, 8723, 8731,	14528, 14533,
3001, 3059, 8656, 8686	8732, 8736, 8751,	14536, 14545,
<code>\SepMark</code> ... 21901, 21902	8754, 8759, 8763,	14591, 14623,
<code>\seq</code> ..... 14934,	8771, 8808, 8811,	14629, 15403,
14935, 16128, 16131	8816, 8820, 8825,	15406, 15407,
<code>\set@color</code> 7859, 7864,	9691, 9702, 9713,	15429, 15434,
7872, 7878, 7886,	9805, 9911, 9916,	15444, 15462,
7893, 7898, 12219,	9923, 9988, 10000,	15467, 15503,
21664, 21668, 21764	10013, 10094,	15506, 15507,
<code>\set@split@topskip@to</code>	10105, 10117,	15529, 15534,
..... 8222, 8480	10200, 10212,	15544, 15562,
<code>\set@typeset@protect</code>	10225, 10309,	15567, 15598,
..... 11705,	10321, 10334,	15679, 15695,
11709, 19794,	10418, 10430,	16261, 16275,
22084, 22470, 22472	10443, 10527,	16278, 16297,
<code>\SetatBoolean</code> ..... 3267	10539, 10552,	16298, 16304,
<code>\setbaselineskip</code> .. 3648	10636, 10648,	16305, 16316,
<code>\SetBoolean</code> ..... 3251	10661, 10745,	16318, 16320,
<code>\setboolean</code> 5137, 5138,	10757, 10770,	16322, 16325,
5140, 5142, 5147,	10854, 10866,	16327, 16329,
5148, 5152, 5153,	10879, 10901,	16331, 16341,
5224, 5228, 5231,	10902, 10909,	16343, 16352,
	10921, 10924,	





16354,	16369,	18760,	19138,	8651, 8654, 9062,
16371,	16379,	19351, 19437, 20387		9207, 9222, 9797,
16381,	16390,	\setdefaultbibitems		9800, 9837, 11312,
16471,	16472,	..... 21906		11326, 12081,
16502,	16520,	\setdefaultmarginpar		12622, 12730,
17654,	17664,	..... 22449		12731, 12737,
17675,	17682,	\setDefaults ..... 12806		12738, 12740,
19735,	19783,	\setfloatalignment 5296		12741, 12810,
19824,	19874,	\setfootnoteLR ... 11967		12811, 12823,
19944,	21369,	\setfootnoteRL ... 11965		12827, 12829,
21372,	21377,	\setkeys ..... 1519,		12831, 12835,
21381,	21385,	1523, 1604, 1628,		12837, 13860,
21389,	21393,	1629, 1760, 1786,		13861, 13862,
21397,	21401,	1812, 2153, 7722,		13863, 13902,
21405,	21656,	7739, 9080, 9086,		13909, 13910,
21664,	21769,	9088, 12636,		13911, 13923,
21821,	21831,	12680, 12808,		13924, 13947,
21861,	21862,	13868, 13906,		13952, 13955,
22046,	22072,	16090, 16154,		14512, 16089,
22171,	22174,	17573, 17618, 21549		16703, 16725,
22175,	22189,	\setlatin ..... 2058		17075, 17097,
22218,	22221,	\setlength ..... 511,		17304, 17474,
22222,	22236,	528, 664, 688,		17489, 17741,
22265,	22267,	890, 908, 945,		18394, 19079,
22281,	22283,	946, 947, 948, 949,		19990, 19991,
22294,	22338,	1147, 1172, 2625,		20039, 20040,
22341,	22382,	2626, 2627, 2829,		20042, 20411,
22385,	22413,	2830, 2832, 2833,		20415, 20416,
22427, 22445, 22511		2835, 2836, 2838,		20418, 20419,
\setcaptionfont ... 5216		2839, 2841, 2842,		20421, 20422,
\setchapterpreamble		2844, 2845, 2847,		20424, 20425,
..... 18736, 19413		2848, 2849, 2854,		20427, 20428,
\setcitationfont .. 5851		2855, 2893, 2894,		20588, 20700,
\setcounter . 436, 471,		2896, 2897, 2898,		21128, 21970, 21973
746, 778, 822, 998,		2899, 2957, 2966,	\setLR ..... 16478, 21870	
1030, 1074, 1248,		2967, 2970, 2972,	\setLTR ..... 16439,	
1280, 1324, 2487,		2975, 2976, 2978,	16440, 16453,	
5924, 5943, 5962,		2981, 3047, 3057,	16478, 16479,	
5994, 6244, 6756,		3058, 3059, 5161,	21838, 21839,	
7034, 7249, 7281,		5188, 5189, 5190,	21852, 21870, 21871	
7426, 7458, 7545,		5191, 5212, 5218,	\setLTRbibitems .. 21905	
7580, 9306, 9339,		5219, 5252, 5255,	\setLTRcitationfont 5852	
9401, 9436, 11406,		5259, 5305, 5357,	\setLTRmarginnotefont	
11439, 11735,		5358, 5859, 5860,	..... 5849	
13854, 13855,		5861, 5862, 5868,	\setLTRmarginpar . 22448	
15275, 16049,		6110, 6403, 6404,	\setLTRsidenotefont 5846	
16070, 16791,		6405, 6406, 6407,	\setLTRtable ..... 2064	
16823, 16867,		6408, 6409, 6410,	\setmarginnotefont 5848	
16930, 16962,		6412, 6413, 6415,	\setnonlatin ..... 2059	
17008, 17212,		6418, 6419, 6420,	\setparsizes .....	
17252, 17399,		6421, 6638, 6639,	. 17856, 18510, 19195	
17434, 17799,		7157, 7179, 7334,	\setRL ..... 16477, 21869	
18012, 18085,		7356, 7620, 7635,	\setRTL . 16438, 16441,	
18453, 18666,		7906, 8645, 8649,	16453, 16477,	



21491, 21531, 21565, 21837, 21840, 21852, 21869	\shipout . . . . . 11705, 12542, 12552, 22469	12380, 13749, 14608, 15989, 16613, 16762, 17156, 17350, 17553, 18094, 18769, 19446, 20077
\setRTLbibitems . . 21904	\shortauthors . . . . . .. 115, 116, 121, 13809, 13810, 13815	\slshape . . . 655, 883, 1138, 3013, 7148, 7325, 8547, 8548, 8638, 8639, 8641, 16694, 17066, 17280
\setRTLcitationfont 5853	\shortcite . . . . . 15992	\small . . 413, 638, 737, 944, 989, 1197, 1239, 2512, 2927, 3017, 3022, 3052, 6385, 6386, 6451, 6459, 6464, 6483, 7240, 7417, 7522, 9285, 9378, 11385, 16677, 16782, 16919, 17127, 17179, 17376, 17831, 18485, 19170
\setRTLmain . . . . . 2372	\shorttitle . . . . . .. 114, 115, 121, 13808, 13809, 13815	\smallcaps 6739, 6740, 6741
\setRTLmarginnotefont . . . . . 5850	\showbox . . . . . 12348	\smallskip . . . . . .. 15911, 15916, 15923, 15932, 15943, 15948, 15953, 15960, 15967, 15974, 16530
\setRTLmarginpar . 22447	\showgridps . . . . . 16490	\smash 5413, 5418, 5429, 5430, 5433, 5434, 5641, 8705, 8726, 12212, 13983, 16475, 21865, 21867
\setRTLsidenotefont 5847	\showoutput . . . . . 12348	\SOUL@apo . . . . . 19729
\setRTLtable . . . . . 2063	\sidecaptionsep 19707, 19708, 22673, 22677, 22682, 22684, 22688, 22690	\SOUL@comma . . . . . 19728
\setsidenotefont . . 5845	\sidenote . . . . . 5921, 5975, 6013, 6108, 6199	\SOUL@do . . . . . 19731
\setSingleSpace 9743, 9748	\sidenotes . . . . . 6018	\SOUL@eventuallyxhyphen . . . . . 19718
\setspace@singlespace . . . 6055, 6073, 6091	\sideways . . . . . 17680	\SOUL@grave . . . . . 19730
\setthethesection . . . 15292	\sixcolumnfootnotes . . . . . 10355	\SOUL@ignorespacesfalse . . . . . 19722
\settodepth . . . . . 16085	\sixin@n . . . . . 2767, 2789	\SOUL@lasttoken . . 19725
\settoheight . 9059, 16086	\size@chapter . . . . 16533	\SOUL@lowerthan . . 19715
\settowidth . . . . . . . . 89, 292, 575, 710, 973, 1223, 1896, 2961, 7204, 7392, 7701, 8647, 9104, 9263, 9534, 11371, 13746, 13949, 16088, 16755, 17149, 17343, 17546, 18078, 18156, 18753, 18831, 19430, 19508, 20070, 21334, 21336	\skip . 2102, 2387, 6962, 6963, 8756, 8813, 9825, 9850, 9858, 9866, 9880, 9896, 9899, 9904, 10987, 10989, 10991, 10993, 11049, 11051, 11053, 11055, 11221, 11230, 11253, 11266, 12099, 12385, 12386, 12397, 12399, 12446, 12448, 12502, 12507, 12570, 12581, 12588, 12622, 15812, 15818, 15822, 15827, 15831, 15893, 15897, 16459, 16465, 22270, 22286, 22297, 22305	\SOUL@minus . . . . . 19727
\setupL@lbox 13901, 13908	\skip@ . . . . . 311, 312	\SOUL@postamble . . 19732
\Setversedim . . . . . . . . 6769, 6773, 6799	\sloppy . . . 42, 56, 72, 92, 245, 259, 274, 295, 582, 717, 980, 1230, 1906, 3066, 7211, 7399, 7708, 9270, 9541, 11378,	\SOUL@preamble . . . 19724
\SetWatermarkText . 8977		\SOUL@soeventuallyskip . . . . . 19719
\sevendcolumnfootnotes . . . . . 10464		\SOUL@spaceskip . . 19720
\sf@size . . . . . 13777		\SOUL@start . . . . . 19713
\sfcode . . 93, 296, 586, 718, 981, 1231, 1910, 7212, 7400, 7712, 9271, 9545, 11379, 13750, 15990, 16763, 17157, 17354, 17557, 18095, 18770, 19447, 20081		\SOUL@culcolor . 19744, 19750, 19756, 19764
\sh@wgridXunit . . . 16491		
\sh@wgridYunit . . . 16491		
\shadowbox . . . . . 9176		
\shadowsize 9186, 9190, 9191, 9194, 9195, 9198		



\SOUL@uldp . . . . . 19756	\split@prev . . . . .	16044, 16048,
\SOUL@uleveryspace 19758	. 11924, 11932, 11937	16065, 16069,
\SOUL@ulht . . . . . 19756	\splitbotmark . . . . 12285	17564, 17607,
\SOUL@ulleaders . . .	\splitfirstmark . . .	18131, 18132,
. 19744, 19750, 19766	. . . . 8060, 8123,	18806, 18807,
\SOUL@ulooverlap . . 19737	11537, 11573,	19483, 19484, 22541
\SOUL@ulunderline 19734	12284, 12406,	\stopbreaks . . . . . 9564
\SOUL@word . . . . . 19726	12455, 15410,	\str . . . . 14691, 14742,
\soulomit . . . . . 19717	15510, 22178, 22225	14814, 14832,
\space . . . . 1996, 3831,	\SplitFootnoteRule	14894, 14918,
3974, 4088, 4102,	. . . . . 2195, 11923	14923, 14997,
4116, 4126, 4809,	\splitfootnoterule	15028, 15041,
4996, 4998, 5009,	. . . . . 11927, 11935	15063, 15117, 15149
5011, 5014, 5477,	\splitmaxdepth 40, 54,	\stretch . . . . . 1474,
5482, 5483, 5616,	70, 243, 257, 272,	1477, 7832, 7835
5617, 7476, 7671,	8054, 8117, 9842,	\string 359, 1384, 2222,
8242, 8244, 8266,	11532, 11568,	2226, 3109, 3145,
8268, 9503, 11341,	11979, 11996,	3151, 3223, 3225,
12248, 12256,	12012, 12400,	3243, 3244, 3247,
12257, 12281,	12449, 15404,	3248, 3425, 3444,
12289, 13886,	15504, 22172, 22219	3472, 3498, 3526,
13918, 13919,	\splittopskip . . . 40,	3552, 3555, 3589,
14979, 15685,	54, 70, 243, 257,	3592, 3676, 3677,
15687, 15688,	272, 9841, 9913,	3683, 3831, 3861,
15689, 15690,	9917, 10027,	3882, 3885, 3912,
15856, 15863,	10028, 10032,	3914, 3974, 4047,
16498, 17524,	10033, 10130,	4094, 4095, 4108,
17567, 17610,	10131, 10135,	4109, 4120, 4121,
17737, 17910,	10136, 10239,	4132, 4133, 4164,
17917, 17939,	10240, 10244,	4178, 4179, 4180,
17945, 17952,	10245, 10348,	4181, 4185, 4809,
18100, 18390,	10349, 10353,	4818, 4822, 4828,
18564, 18571,	10354, 10457,	4839, 4996, 4998,
18593, 18599,	10458, 10462,	5009, 5011, 5012,
18606, 18775,	10463, 10566,	5013, 5014, 5016,
19075, 19249,	10567, 10571,	5616, 5617, 7868,
19256, 19278,	10572, 10675,	7871, 7889, 7892,
19284, 19291,	10676, 10680,	10942, 10944,
19452, 19894,	10681, 10784,	12252, 12253,
19896, 19953,	10785, 10789,	12254, 12255,
20828, 20830,	10790, 10893,	12256, 12378,
21453, 22136, 22418	10894, 10898,	12712, 12713,
\spacefactor . . . 6034,	10899, 11978,	16623, 16624,
6039, 6045, 6048	11995, 12011,	17737, 17910,
\spaceskip . 19762, 19767	12279, 12280, 16271	17911, 17917,
\speci@ls . . 15874, 15881	\stepcounter . . . 1764,	17918, 17939,
\special . . . . .	1790, 1816, 4144,	17945, 17946,
2124, 2298, 2307,	4150, 4158, 4164,	17952, 17953,
2401, 2427, 2476,	5932, 5951, 5970,	18100, 18102,
16472, 19950,	6002, 6122, 6151,	18108, 18140,
19951, 19955,	6180, 6932, 11734,	18141, 18149,
19956, 19958, 21862	11805, 11875,	18150, 18390,
\spinemargin . . . 8990,	11945, 11954,	18564, 18565,
8992, 8996, 9000	13473, 14427,	18571, 18572,





<code>\texttt</code> . . . . .	2565,	16388, 21766, 21768	1469, 1470, 2026,
	2629, 2631, 2632, 4167	<code>\TeXeTstate</code> . .	2135, 2353, 2412,
<code>\textwidth</code> . . . .	1519,	16387, 21766, 21767	2452, 2454, 2457,
	1575, 1576, 1591,	<code>\TF@conlab</code> . . . . .	2459, 2698, 2700,
	1592, 1611, 1615,	. 12208, 12210, 12217	2703, 2706, 2711,
	1619, 1651, 1668,	<code>\TF@savecolor</code> 12214, 12219	2714, 2717, 2822,
	1685, 2111, 2117,	<code>\TF@Title</code> . . . . .	3158, 3160, 3161,
	2460, 2866, 2957,	<code>\thanklessauthor</code> 6548,	3182, 3184, 3185,
	2966, 2967, 2979,	6581, 6584, 6621	3846, 4180, 4275,
	2981, 5255, 5259,	<code>\thanklesspublisher</code>	4330, 4358, 4360,
	5358, 5659, 5660,	. . . . . 6549,	4367, 4369, 4371,
	6800, 8072, 8080,	6608, 6611, 6625	4373, 4374, 4375,
	8135, 8328, 8368,	<code>\thanklesstitle</code> 6547,	4386, 4393, 4395,
	8378, 8558, 8573,	6564, 6567, 6623	4400, 4404, 4405,
	8645, 8654, 8768,	<code>\thanks</code> . . . . .	4410, 4415, 4423,
	8989, 8999, 9005,	323,	4426, 4430, 4436,
	9035, 9912, 10920,	417, 437, 472, 491,	4520, 4521, 4522,
	11547, 11553,	741, 753, 779, 790,	4547, 5062, 5069,
	11585, 11675,	791, 800, 823,	5098, 5889, 5899,
	11680, 12086,	840, 993, 1005,	6034, 6045, 6851,
	12420, 12469,	1031, 1042, 1043,	6858, 6982, 6985,
	12477, 12758,	1052, 1075, 1092,	6988, 6992, 6995,
	12761, 12766,	1243, 1255, 1281,	6998, 7103, 7718,
	12772, 14596,	1292, 1293, 1302,	7723, 7767, 7828,
	15468, 15476,	1325, 1343, 2488,	8059, 8061, 8122,
	15568, 15599,	6547, 6548, 6549,	8124, 8204, 8224,
	15759, 15794,	6550, 6553, 6560,	8230, 8234, 8241,
	15795, 15798,	6561, 6577, 6578,	8242, 8243, 8244,
	15799, 15802,	6593, 6594, 6605,	8245, 8246, 8266,
	15803, 15807,	7244, 7256, 7282,	8268, 8277, 8281,
	15810, 17815,	7421, 7433, 7459,	8304, 8305, 8306,
	17825, 17858,	7526, 7546, 7581,	8308, 8309, 8310,
	17898, 17902,	7600, 9289, 9307,	8311, 8344, 8408,
	18469, 18479,	9340, 9357, 9382,	8420, 8432, 10986,
	18512, 18552,	9402, 9437, 9456,	11048, 11536,
	18556, 19154,	11389, 11407,	11538, 11572,
	19164, 19197,	11440, 11457,	11574, 11803,
	19237, 19241,	15245, 16786,	11818, 11819,
	22190, 22198,	16798, 16824,	11822, 11823,
	22237, 22515, 22531	16835, 16836,	11826, 11879,
<code>\textwidth@footnoterule</code>		16845, 16868,	11883, 11937,
. .	416, 740, 992,	16885, 16923,	12110, 12124,
	1242, 7243, 7420,	16937, 16963,	12241, 12248,
	7525, 9288, 9381,	16976, 16977,	12252, 12253,
	11388, 11894,	16986, 17009,	12254, 12255,
	11905, 15809,	17029, 17183,	12256, 12257,
	16785, 16922,	17213, 17253,	12265, 12271,
	17182, 17379,	17271, 17380,	12278, 12279,
	17834, 18488, 19173	17400, 17435,	12281, 12286,
<code>\textwidthfootnoterule</code>		17454, 17835,	12288, 12289,
	2197, 8696, 9622,	18014, 18489,	12303, 12329,
	11903, 12615, 22568	18668, 19174, 19353	12359, 12360,
<code>\TeXeTOff</code> .	16387, 21767	<code>\thankses</code> . . . . .	12361, 12366,
<code>\TeXeTOn</code> . . . .	16386,	323	12367, 12368,
		<code>\the</code> . . . . .	
		1372, 1466, 1467,	



12378,	12405,	21241,	21243,	19387,	19399,
12407,	12454,	21247,	21252,	19402,	19405, 20103
12456,	12682,	21256,	21267,	\thecontentspage	6314,
12727,	13260,	21268,	21271,	6321, 6328, 6335, 6342	
13268,	13269,	21277,	21281,	\thedata	. 6543, 6551, 6597
13275,	13277,	21289,	21290,	\theenumiv	... 86, 89,
13306,	13307,	21327,	21343,	289, 292, 581, 716,	
13313,	13315,	21347,	21446,	979, 1229, 1904,	
13346,	13348,	21609,	21621,	3065, 7210, 7398,	
13377,	13379,	21626,	21647,	7707, 9269, 9540,	
13408,	13410,	21648,	21650,	11377, 13743,	
13818,	13819,	21772,	21773,	13746, 16761,	
13916,	13918,	21917,	21974,	17155, 17349,	
13962,	13964,	22142,	22144,	17552, 18092,	
13969,	13971,	22156,	22177,	18767, 19444, 20076	
13977,	13979,	22179, 22224, 22226		\theequation	.....
13984,	14516,	\the@cornersize	...	... 7232, 7409,	
14519,	15107,	... 11493, 11494		7654, 9486, 11476,	
15409,	15411,	\thealgocf	..... 168	11768, 11781,	
15422,	15439,	\theAlgoLine	..... 22613	13828, 15293,	
15446,	15452,	\theBackrefHyperFootnoteCounter		16772, 17141,	
15509,	15511,	... 12144, 12150		17326, 17508,	
15522,	15539,	\thechapter	.... 308,	18723, 19404, 22561	
15546,	15552,	6256, 7227, 7233,		\thefigure	.... 7234,
15622,	15685,	7235, 7237, 7404,		7411, 7656, 9488,	
15687,	15688,	7410, 7412, 7414,		11478, 11770,	
15689,	15690,	7476, 7655, 7657,		11783, 15295,	
15691,	15983,	7659, 7660, 7661,		16774, 17137,	
16153,	16169,	7671, 9487, 9489,		17328, 17510,	
16173,	16176,	9491, 9492, 9493,		18718, 19399, 19800	
16201,	16225,	9503, 11341,		\thefootdir@label	.
16232,	16239,	11471, 11477,		.. 11803, 11806,	
16393,	16394,	11479, 11481,		11835, 11840,	
17580,	17590,	11769, 11771,		11858, 11861, 11881	
17599,	17626,	11773, 11774,		\thefootnote	... 453,
17638,	17648,	11775, 11782,		745, 804, 997,	
17805,	17806,	11784, 11786,		1056, 1247, 1306,	
17807,	18085,	11787, 11788,		2479, 7248, 7425,	
18459,	18460,	14127, 15283,		7562, 9321, 9418,	
18461,	18760,	15292, 15294,		11421, 13160,	
19144,	19145,	15295, 15296,		16790, 16849,	
19146,	19437,	16024, 16536,		16929, 16990,	
19813,	19814,	16767, 16773,		17186, 17229,	
19844,	19863,	16775, 16777,		17416, 17838,	
19865,	19889,	17132, 17138,		17959, 18492,	
19894,	19896,	17140, 17142,		18613, 19177, 19298	
19897,	19900,	17327, 17329,		\thefootnotemark	..
19901,	19904,	17331, 17332,		. 17773, 18427, 19112	
19907,	19908,	17509, 17511,		\theHchapter	..... 16024
19911,	20019,	17513, 17514,		\theHsection	16032, 16034
20756,	20826,	17515, 17524,		\theindex	. 98, 218, 13756
20829,	20831,	18703, 18705,		\thelstlisting	14098,
20918,	21235,	18718, 18721,		14103, 14126, 14129	
21238,	21239,	18725, 18727,		\themPFN	.....



1754, 1780, 1806, 2723, 2731, 2739, 6123, 6129, 6152, 6158, 6181, 6187, 7003, 7010, 7017, 11946, 11951, 11955, 11960, 12088, 12114, 12119, 12129, 12134, 13127, 13138, 13149, 13279, 13317, 13350, 13381, 13412, 13474, 14654	214, 546, 700, 954, 1213, 6263, 7227, 7228, 7404, 7405, 7661, 7662, 9371, 9493, 9494, 11471, 11472, 11775, 11776, 11788, 11789, 13800, 15283, 15285, 16032, 16034, 16767, 16768, 17132, 17133, 17332, 17333, 17515, 17516, 18048, 18701, 18709, 19386, 19390	11778, 11790, 11791, 13801, 13802, 15286, 15289, 16769, 16770, 17134, 17135, 17334, 17335, 17517, 17518, 18049, 18052, 18710, 18713, 19391, 19394
\thempfootnote . . . . . . . . . 12088, 14654	\thesubparagraph . . . . . . . 22, 217, 549, 703, 957, 1216, 7231, 7408, 7665, 9374, 9497, 11475, 11779, 11792, 13803, 15290, 16771, 17136, 17336, 17519, 18053, 18714, 19395	\thetable . . . . . 7236, 7413, 7658, 9490, 11480, 11772, 11785, 15296, 16776, 17139, 17330, 17512, 18721, 19402, 19801
\theorem@indent 16058, 16059, 16078, 16079	\thesubsection . . 19, 20, 214, 215, 546, 547, 700, 701, 954, 955, 1213, 1214, 6270, 7228, 7229, 7405, 7406, 7662, 7663, 9371, 9372, 9494, 9495, 11472, 11473, 11776, 11777, 11789, 11790, 13800, 13801, 15284, 15287, 16768, 16769, 17133, 17134, 17333, 17334, 17516, 17517, 18048, 18050, 18709, 18711, 19390, 19392	\TheTokenList . . . . . 4384
\theorem@prework . 16052		\thinlines . . . . . 7918, 7928, 7941, 7951, 7964, 7974, 7987, 7997
\theorempostskipamount . . . . . 16053, 16073		\thispagestyle . 101, 113, 221, 469, 601, 616, 820, 865, 1072, 1117, 1322, 6628, 6650, 6671, 7127, 7304, 7515, 7578, 9337, 9434, 9551, 9554, 11437, 13759, 13807, 13831, 13834, 15273, 16655, 16865, 16910, 17006, 17250, 17370, 17432, 18008, 18662, 19347, 20135
\theorempreskipamount . . . . . 16056, 16076		\thm@topsepadd 16053, 16054, 16057, 16073, 16074, 16077
\thepage . . 2450, 2455, 3042, 5388, 5500, 5501, 5502, 5511, 5512, 6727, 6728, 6739, 6740, 6741, 8445, 8463, 15856, 15863, 21653, 22418		\thr@@ . 356, 372, 1381, 1399, 1423, 1432, 10131, 10136, 15847, 15865, 19720, 19917, 19937
\theparagraph . . . 21, 22, 216, 217, 548, 549, 702, 703, 956, 957, 1215, 1216, 6277, 7230, 7231, 7407, 7408, 7664, 7665, 9373, 9374, 9496, 9497, 11474, 11475, 11778, 11779, 11791, 11792, 13802, 13803, 15288, 15291, 16770, 16771, 17135, 17136, 17335, 17336, 17518, 17519, 18052, 18054, 18713, 18715, 19394, 19396	\thesubsubsection 20, 21, 215, 216, 547, 548, 701, 702, 955, 956, 1214, 1215, 7229, 7230, 7406, 7407, 7663, 7664, 9372, 9373, 9495, 9496, 11473, 11474, 11777,	\threecolumnfootnotes . . . . . 10034
\thepart . . . . . . 553, 561, 9233, 9241		\tiny . . . . . 2525, 6025, 6397
\ther@tfl@t . . . 17565, 17566, 17608, 17609		\title 320, 445, 481, 785, 830, 1037, 1082, 1287, 1332, 2495, 2944, 2983, 6542, 6557, 7288, 7465, 7554, 7590, 9313,
\thesection . . . . . 19,		





9347, 9410, 9446,	14720,	14725,	\tmpcount . . . . 4574, 4600
11413, 11447,	14730,	14738,	\toaddress . . 9560, 13840
16830, 16875,	14740,	14741,	\toc@headstar 20125, 20130
16971, 17018,	14742,	14743,	\tocbasic@DependOnPenaltyAndTOCLevel
17221, 17262,	14745,	14747,	..... 20727
17408, 17444,	14749,	14750,	\tocbasic@SetPenaltyByTOCLevel
18033, 18687, 19372	14752,	14758,	..... 20856
\TitleBarFrame . . . .	14762,	14765,	\TOCEntryStyleStartInitCode
. . 12206, 12225,	14766,	14769,	. . 18246, 18259,
12227, 12229, 12231	14776,	14781,	18277, 18920,
\titlecolour . . 2913, 8605	14789,	14792,	18933, 18952,
\titlecontents . 6309,	14793,	14794,	19597, 19610, 19629
6316, 6323, 6330, 6337	14795,	14796,	\toclevel@subfigure
\TitleFont . . . . 734,	14799,	14805,	..... 20337
750, 841, 843, 849,	14806,	14807,	\toclevel@subtable 20357
986, 1002, 1093,	14812,	14814,	\TOCLineLeaderFill
1095, 1101, 1236,	14821,	14825,	..... 18263,
1252, 1344, 1346,	14830,	14832,	18279, 18937,
1352, 1355, 1356,	14834,	14836,	18954, 19614,
1361, 7253, 7430,	14855,	14861,	19631, 20878, 21169
16779, 16795,	14862,	14863,	\tocstyle@@numberline
16886, 16888,	14864,	14865,	..... 21334,
16894, 16916,	14877,	14880,	21336, 21354,
16934, 17032,	14883,	14885,	21356, 21359, 21361
17034, 17040,	14909,	14910,	\tocstyle@activate@all@1
17043, 17044, 17049	14912,	14921,	..... 21447
\titlefont 2922, 2930, 8638	14924,	14925,	\tocstyle@activate@features
\titleformat . . . 6253,	14926,	14927,	..... 21224
6260, 6267, 6274	14928,	14929,	\tocstyle@dottedtocline
\titlehead . . . . .	14931,	14937,	..... 21211
. 18035, 18689, 19374	14942,	14945,	\tocstyle@feature@dothook
\titlepage . . . . 627,	14946,	14959,	..... 21310
934, 1186, 7193,	14961,	14962,	\tocstyle@feature@entryhook
7381, 16666, 17116	14963,	14964,	..... 21306
\titlepage@restore	14965,	14966,	\tocstyle@feature@entryvskip
. . 17803, 17809,	14967,	14976,	..... 21225, 21228
17829, 17931,	14979,	14983,	\tocstyle@feature@leaders
17958, 18457,	14984,	14985,	..... 21308, 21313
18463, 18483,	14988,	15002,	\tocstyle@feature@pagenumberbox
18585, 18612,	15008,	15021,	..... 21316, 21319
19142, 19148,	15026,	15030,	\tocstyle@feature@pagenumberhook
19168, 19270, 19297	15051,	15059,	..... 21317, 21319
\titlepagestyle . . .	15060,	15085,	\tocstyle@feature@parfillskip
. 18008, 18662, 19347	15089,	15090,	..... 21296, 21297
\titlespacing . . . . .	15091,	15104,	\tocstyle@feature@raggedhook
. . . 6281, 6282, 6283	15176,	15177,	..... 21232
\titlestyle . . . 2930, 8669	15185,	15186,	\tocstyle@feature@spaceafternumber
\tl . . . . . 14674, 14682,	15187,	15188,	..... 21333,
14687, 14689,	15198,	15199,	21337, 21358, 21362
14690, 14691,	15200,	15205,	\tocstyle@indentstyle
14692, 14694,	15210,	15212,	..... 21283, 21353
14695, 14697,	15215,	15216,	\tocstyle@l@define
14700, 14704,	15221,	15222,	. . 21370, 21373,
14713, 14717,	15227, 15239, 15240		21378, 21382,





21386, 21390,	12718, 12722,	4584, 4597, 4603, 4604
21394, 21398,	12724, 12727,	\tracingmacros .... 4573
21402, 21406, 21438	13257, 13260,	\traditionalconnverses
\tocstyle@macrochangewarning	13815, 13819,	... 6789, 6812, 6828
..... 21426, 21433	15408, 15409,	\traditionalhalfverses
\tocstyle@numberline	15410, 15411,	..... 6778,
..... 21212, 21331	15508, 15509,	6782, 6789, 6822
\tocstyle@saved@dottedtocline	15510, 15511,	\traditionalpoem .. 7024
..... 21428	19863, 19883,	\traditionalpoem@cr
\tocstyle@saved@numberline	19889, 22176,	... 6902, 6951, 6952
..... 21436	22177, 22178,	\traditionalpoem@obeylines
\tocstyledepth 21223,	22179, 22223,	..... 6832, 7024
21235, 21247,	22224, 22225, 22226	\traditionalpoem@par
21267, 21268,	\tolerance 9976, 10082,	... 6832, 6833, 6951
21271, 21289,	10188, 10297,	\trimb ..... 5884, 5891
21290, 21339,	10406, 10515,	\trimc ..... 5893
21341, 21343, 21347	10624, 10733, 10842	\trivlist .....
\tocstyleTOC .....	\toname ..... 9560, 13840	. 11626, 16055, 16075
.. 21235, 21238,	\topheight .....	\ttdefault ... 8544, 8636
21239, 21241,	.. 16280, 16282,	\ttfamily .....
21243, 21247,	16283, 16284,	2512, 2552, 2553,
21248, 21250,	16286, 16292,	2555, 2556, 2557,
21251, 21255,	16294, 16296,	2558, 2559, 2560, 2561
21259, 21260,	16297, 16298,	\ttl@a ..... 20024, 20026
21263, 21264,	16361, 16362,	\ttl@b ..... 20019,
21267, 21268,	16363, 16364,	20020, 20024, 20026
21271, 21273,	16368, 16369, 16373	\ttl@beginlongest 19994
21275, 21276,	\topins ..... 16456	\ttl@calc .. 19989, 20001
21280, 21285,	\topmargin .....	\ttl@changepcentercr
21286, 21289,	2465, 2867, 9031,	..... 19993
21290, 21339,	11719, 17812,	\ttl@contentsstretch
21341, 21342, 21346	18466, 19151, 22507	..... 20031
\today ..... 6551	\topmark .. 8058, 8067,	\ttl@corr .....
\toks ..... 122,	8121, 8130, 11535,	. 20046, 20047, 20050
124, 1466, 1467,	11544, 11571,	\ttl@endlongest .. 20009
1469, 1470, 5882,	11580, 12404,	\ttl@filleft 19983, 20012
5883, 5889, 7828,	12413, 12453,	\ttl@filright 19984, 20013
12284, 12285,	12462, 15408,	\ttl@glcmds ..... 19996
12286, 13816, 13818	15417, 15508,	\ttl@hmode@error . 19995
\toks@ ..... 121, 125,	15517, 22176,	\ttl@leaders ..... 20048
2122, 2135, 2399,	22185, 22223, 22232	\ttl@lselect 20055, 20058
2412, 5094, 5098,	\topsep 1901, 2607, 2616,	\ttl@makeline 19989, 20044
8058, 8059, 8060,	3057, 5181, 6391,	\ttl@margin . 20043, 20049
8061, 8121, 8122,	6433, 15305, 15307	\ttl@midlongest .. 20008
8123, 8124, 11535,	\topskip 301, 2473, 8222,	\ttl@outnoblock .. 20022
11536, 11537,	12290, 12292,	\ttl@savel@chapter 20057
11538, 11571,	12297, 15311,	\ttl@savel@part .. 20054
11572, 11573,	15602, 20101,	\ttl@hang ..... 19988
11574, 12404,	20107, 20112,	\turn ..... 17652
12405, 12406,	20119, 20124, 20129	\turnbox ..... 17673
12407, 12453,	\TOTALHEIGHT 19949, 19953	\tw@ ... 355, 363, 1380,
12454, 12455,	\totalheight ..... 12709	1388, 1422, 1426,
12456, 12679,	\tovalue .....	1431, 2779, 3677,
12682, 12716,	4458, 4545, 4553,	10028, 10033,



11498, 11499,	\TX@ckpt ... 19845, 19891	\uc@ax ..... 792,
12283, 12287,	\TX@col@width . 19842,	793, 1044, 1045,
12288, 12302,	19848, 19853, 19896	1294, 1295, 16837,
12306, 12311,	\TX@cols ..... 19849, 19853, 19897	16838, 16978, 16979
12314, 12325,	\TX@endtabularx 13246,	\uc@nothanks ..... 753, 790, 791,
12329, 12330,	13257, 13263, 19838	800, 1005, 1042,
12331, 12332,	\TX@find@endtabularxa	1043, 1052, 1255,
12335, 12634,	..... 19840, 19841	1292, 1293, 1302,
12635, 12645,	\TX@find@endtabularxb	7256, 7433, 16798,
12647, 12648,	..... 19870	16835, 16836,
12650, 12651,	\TX@find@endtabularxbb	16845, 16937,
12654, 12656,	..... 19868	16976, 16977, 16986
12657, 12691,	\TX@ftn . 19865, 19900,	\uc@tx ..... 790,
12693, 12694,	19902, 19904,	798, 1042, 1050,
12696, 12697,	19907, 19909, 19911	1292, 1300, 16835,
12700, 12702,	\TX@ftntext ..... 19859	16843, 16976, 16984
12703, 13966,	\TX@LTRftntext .... 19860, 19899	\uc@ty ..... 799,
15695, 15702,	\TX@newcol ..... 19842	800, 1051, 1052,
15703, 15711,	\TX@old@table .... 19847	1301, 1302, 16844,
15712, 15717,	\TX@RTLftntext .... 19861, 19906	16845, 16985, 16986
15718, 15731,	\TX@target . 19848, 19862	\uncover .. 1660, 1677,
15732, 15739,	\TX@trial ..... 19852, 19857, 19873	1694, 1709, 1724, 1739
15740, 15763,	\TX@trial@ftn ..... 19876, 19877, 19878	\undefined .... 4900,
15768, 16472,	\TX@typeout@ 19850, 19892	6976, 7030, 7033, 7035
16473, 17760,	\TX@verb ..... 19843	\underline . 22051, 22059
17762, 18414,	\TX@vwarn ..... 19879	\undertext ..... 22059
18416, 19099,	\TX@xftntext ..... 19859	\unexpanded .... 3704,
19101, 19720,	\TX@xLTRftntext ... 19860, 19903	3713, 3714, 3721,
19818, 19916,	\TX@xRTLftntext ... 19861, 19910	3722, 3735, 3736,
19924, 20249,	\typeout ..... 2025,	3743, 3744, 3845,
21862, 21863,	2027, 5384, 5386,	3966, 18139,
22092, 22096, 22098	5387, 5388, 5390,	18145, 18148,
\twocolumn .... 462,	5392, 5393, 5394,	18154, 18814,
598, 614, 813, 863,	11813, 16512,	18820, 18823,
1065, 1115, 1315,	21235, 21247,	18829, 19491,
2449, 7125, 7302,	21267, 21268,	19497, 19500, 19506
7512, 7571, 8444,	21271, 21289, 21290	\unhbox ..... 1496,
9330, 9427, 11430,		6857, 7115, 7854,
15264, 16653,		10903, 10926,
16858, 16908,		10935, 10938,
16999, 17243,		11180, 11184,
17367, 17425,		11190, 11194,
17982, 17988,		11200, 11203,
17991, 18636,		11209, 11212,
18642, 18645,		13682, 13687,
19321, 19327,		13715, 13720,
19330, 20101,		13732, 13737,
20107, 20112,		21981, 22102,
20119, 20124, 20129		22103, 22104, 22105
\twocolumnfootnotes 9925		\unhcopy 13698, 13703,
\TX@ ..... 19840,		19740, 19752, 19828
19841, 19869, 19870		\unhskip ..... 4377
\TX@align .. 19893, 19895		\unitindent .... 637,
\TX@arith ..... 19855		

## U



648, 649, 651, 725, 731, 875, 876, 878, 944, 945, 947, 948, 960, 965, 1059, 1131, 1132, 1134, 1196, 1205, 1211, 7141, 7142, 7144, 7219, 7225, 7318, 7319, 7321, 7372, 7378, 16676, 16687, 16688, 16690, 16741, 16747, 17059, 17060, 17062, 17126, 17164, 17170	\untilcondition 4459, 4473, 4557, 4600	15535, 15537, 15545, 15563, 15565, 15620, 16318, 16322, 16327, 16331, 16343, 16354, 16374, 16377, 16382, 16456, 16457, 16461, 16466, 21981, 22174, 22221, 22269, 22274, 22285, 22289, 22296, 22301, 22308
\unitlength . . . . . 7918, 7928, 7941, 7951, 7964, 7974, 7987, 7997, 16089	\unvbox . . . . . 1653, 1670, 1687, 1701, 1716, 1731, 7764, 7765, 8019, 8022, 8039, 8043, 8056, 8106, 8119, 8165, 8190, 8205, 8228, 8232, 8322, 8351, 8405, 8416, 8429, 8479, 8710, 8713, 8714, 8731, 8734, 8735, 8760, 8767, 8772, 8777, 8817, 8822, 8826, 8831, 9692, 9703, 9714, 9807, 9828, 9883, 9889, 9924, 9989, 10001, 10014, 10095, 10106, 10118, 10201, 10213, 10226, 10310, 10322, 10335, 10419, 10431, 10444, 10528, 10540, 10553, 10637, 10649, 10662, 10746, 10758, 10771, 10855, 10867, 10880, 10901, 11132, 11151, 11165, 11177, 11187, 11197, 11206, 11242, 11250, 11257, 11264, 11270, 12037, 12051, 12065, 12102, 12107, 12277, 12287, 12314, 12402, 12451, 12523, 12525, 12569, 12574, 12580, 12584, 12591, 12607, 14528, 14533, 14542, 14545, 14629, 14647, 15406, 15435, 15437, 15445, 15463, 15465, 15506,	\unvcopy . . 8191, 8229, 8233, 8261, 8267, 8271, 8279, 8754, 8811
\unkern . . 6046, 8192, 8202		\uppercase . . . . 308, 770, 790, 1022, 1042, 1272, 1292, 7273, 7450, 16815, 16835, 16954, 16976
\unpenalty . . . . 7753, 8192, 8202, 10906, 10923, 10932, 12314		\uppercasenonmath . . . . . . 114, 13808
\unrestored@protected@xdef . . . . . 1771, 1797, 1823, 2723, 2731, 2739, 6129, 6158, 6187, 7003, 7010, 7017, 11951, 11960, 12119, 12134, 13127, 13138, 13149, 13160		\uppermargin . . . . . 9003
\unsetfootnoteRL . . . . . . . 11966, 11967		\uppertitleback . . . . . 17910, 17945, 18038, 18564, 18599, 18692, 19249, 19284, 19377
\unsetLTR . . 16441, 21840		\upshape . . . . . 6314, 6321, 6328, 6335, 6342, 8545, 8549, 8550, 8637, 8642, 8643, 16531
\unsetRL . . . 16479, 21871		\urlstyle . . . . . 2886
\unsetRTL . . 16440, 21839		\use . . . . . 14805
\unskip . . . . . 46, 60, 76, 249, 263, 278, 336, 1448, 1449, 1450, 1612, 1892, 1913, 5438, 5441, 5444, 5447, 6137, 6166, 6195, 6884, 6895, 7750, 8056, 8119, 8192, 8202, 9875, 10904, 10905, 12097, 12402, 12451, 14581, 14623, 14626, 15406, 15506, 17657, 17667, 17685, 22174, 22221, 22450		\usebeamercolor . . . . . . . 1535, 1538, 1582, 1835, 1844, 1857, 1866, 1880, 1984
		\usebeamerfont . 1833, 1843, 1855, 1865, 1878, 1933, 1934, 1950, 1951, 1952, 1985
		\usebeamertemplate . . . . . 1640, 1645, 1836, 1840, 1858, 1861, 1881, 1987
		\usebox . . . 2592, 2602, 5279, 5411, 5413, 5418, 5420, 5429, 5430, 5433, 5434, 5641, 9121, 9124,



9132, 9139, 9147,	17873, 17881,	7758, 7763, 7841,
9154, 9197, 12817,	17883, 17926,	8019, 8022, 8039,
12821, 12904,	18250, 18253,	8043, 8056, 8071,
12906, 12910,	18263, 18269,	8088, 8104, 8119,
12912, 12917,	18271, 18432,	8134, 8147, 8163,
12919, 12923,	18439, 18513,	8188, 8189, 8228,
12925, 12929,	18519, 18522,	8229, 8232, 8233,
12931, 12935,	18524, 18527,	8261, 8267, 8270,
12937, 12943,	18535, 18537,	8278, 8317, 8347,
12944, 12947,	18580, 18924,	8367, 8375, 8380,
12948, 12952,	18927, 18937,	8387, 8394, 8404,
12953, 12956,	18943, 18946,	8415, 8428, 8478,
12957, 12960,	19117, 19124,	8484, 8702, 8710,
12961, 12964,	19198, 19204,	8711, 8719, 8723,
12965, 12979,	19207, 19209,	8731, 8732, 8740,
12980, 12982,	19212, 19220,	8754, 8759, 8763,
12983, 12995,	19222, 19265,	8766, 8770, 8771,
12996, 12998,	19601, 19604,	8788, 8795, 8811,
12999, 13005,	19614, 19620, 19623	8816, 8820, 8821,
13006, 13009,	\usepackage . . . . 4818,	8824, 8825, 8840,
13010, 13014,	4819, 4824, 4825,	8847, 9691, 9702,
13015, 13018,	4828, 4831, 4876, 4877	9713, 9805, 9988,
13019, 13022,	\usetocbasicnumberline	10000, 10013,
13023, 13026,	. . . . . 20807	10094, 10105,
13027, 13034,		10117, 10200,
13036, 13040,	V	10212, 10225,
13042, 13047,	\vadjust . 6860, 6861, 6868	10309, 10321,
13049, 13053,	\valign . . . . . 9914, 9918	10334, 10418,
13055, 13059,	\value . . . . 5927, 5946,	10430, 10443,
13061, 13065,	5965, 5997, 11803,	10527, 10539,
13067, 13080,	11818, 11819,	10552, 10636,
13082, 13983,	11822, 11823,	10648, 10661,
13985, 16085,	11826, 13854,	10745, 10757,
16086, 16088,	13855, 13926,	10770, 10854,
16095, 16113,	13960, 18131,	10866, 10879,
16389, 16390, 21769	18806, 19483, 19844	10901, 11081,
\usecounter . . . . .	\var@@leftcolumn@badness	11093, 11105,
. . . 91, 294, 579,	. . . 8230, 8242, 8248	11129, 11142,
714, 977, 1227,	\var@@rightcolumn@badness	11148, 11156,
1841, 1902, 3063,	. . . 8234, 8244, 8249	11162, 11170,
6429, 7208, 7396,	\var@@thecol@num 8174,	11239, 11247,
7705, 9267, 9538,	8176, 8445, 8463	11262, 11547,
11375, 13748,	\vbadness . 8055, 8118,	11584, 11675,
16759, 17153,	9913, 9917, 11533,	11680, 11705,
17347, 17550,	11569, 11674,	11720, 11745,
18084, 18089,	12401, 12450,	12036, 12050,
18759, 18764,	15405, 15505,	12064, 12083,
19436, 19441, 20074	16270, 22173, 22220	12274, 12287,
\usefontofkomafont	\vbox . . . . . 306, 398,	12311, 12402,
. 18170, 18845, 19522	404, 1416, 1483,	12419, 12451,
\usekomafont . . . . .	1540, 1648, 1665,	12468, 12567,
. . 17778, 17785,	1682, 1699, 1714,	12578, 12603,
17859, 17865,	1729, 2803, 5668,	14469, 14528,
17868, 17870,	5669, 5671, 6844,	14533, 14536,



14541,	14542,	999, 1028, 1187,	18478, 19146, 19163
14545,	14591,	1190, 1249, 1278,	\vskip . . . . . 309,
14629,	15161,	6844, 7194, 7197,	312, 421, 424, 430,
15311,	15406,	7250, 7279, 7382,	489, 495, 501, 505,
15429,	15434,	7385, 7427, 7456,	567, 646, 748, 757,
15436,	15444,	7529, 7543, 8710,	767, 838, 842, 848,
15462,	15467,	8731, 9290, 9304,	852, 873, 1000,
15506,	15529,	9385, 9399, 11390,	1009, 1019, 1090,
15534,	15536,	11404, 16462,	1094, 1100, 1104,
15544,	15562,	16667, 16670,	1129, 1250, 1259,
15567,	15598,	16792, 16821,	1269, 1340, 1345,
16134,	16304,	16931, 16960,	1351, 1355, 1361,
16305,	16318,	17117, 17120,	1364, 1550, 1552,
16322,	16327,	17196, 17210,	1554, 1556, 1558,
16331,	16343,	17383, 17397, 22512	1559, 2818, 6900,
16354,	16369,	\vfill . . . . 2441, 6624,	6927, 6963, 6964,
16371,	16373,	9914, 9918, 11302,	6970, 7080, 7082,
16376,	16381,	16369, 16374,	7139, 7178, 7251,
16418,	16425,	16375, 17582,	7260, 7270, 7316,
16426,	16433,	17597, 17629,	7355, 7428, 7437,
16542,	19796,	17646, 17862,	7447, 7478, 7483,
19830,	19835,	17887, 17901,	7487, 7489, 7495,
21369,	21372,	17925, 18516,	7499, 7501, 7530,
21377,	21381,	18541, 18555,	7533, 7539, 7598,
21385,	21389,	18579, 19201,	7604, 7610, 7614,
21393,	21397,	19226, 19240, 19264	7634, 7673, 7678,
21401,	21405,	\vfuzz . . . 5895, 5898, 5899	7686, 8105, 8164,
21797,	21805,	\vleftskip . 15279, 15280	8325, 8329, 8407,
21806,	21814,	\voffset . . . . . 2469	8410, 8419, 8422,
21971,	21976,	\voidb@x . . . . . 7731, 7795	8433, 8435, 8775,
22070,	22087,	\vphantom . . . . . 21532	8829, 9247, 9255,
22174,	22189,	\vpic . 16294, 16304, 16305	9291, 9294, 9300,
22221,	22236,	\vrightskip . 15279, 15280	9355, 9359, 9365,
22267,	22283,	\vrule . . . . 387, 1495,	9369, 9386, 9389,
22294,	22428,	5670, 5671, 6843,	9395, 9454, 9460,
22469,	22508, 22511	6845, 7853, 8075,	9466, 9470, 9505,
\vboxL . . . . . 16426,		8140, 8372, 8391,	9510, 9519, 9825,
17572, 17617, 21806		11549, 11590,	9850, 9858, 9866,
\vboxR . . . . . 16418, 21797		12425, 12472,	9880, 9896, 11221,
\vcenter 398, 1480, 7838,		14460, 14514,	11230, 11243,
19830, 21889,		14889, 15151,	11251, 11253,
21978, 21979, 22070		15232, 15439,	11266, 11325,
\veqno . . . . . 327, 328		15446, 15471,	11343, 11347,
\verb . . . . . 19843		15539, 15546,	11355, 11391,
\VerbBox . . . . . 9178, 9180		15573, 15602,	11394, 11400,
\verse@i . . . . . 6874,		15715, 15726,	11455, 11459,
6905, 6911, 6919, 6960		19756, 19784,	11465, 11469,
\verse@ii . . . . .		19825, 22073,	11719, 11723,
6885, 6906, 6912,		22193, 22242, 22442	11724, 12099,
6914, 6920, 6922, 6960		\vsize . . . . . 8453,	12275, 12313,
\versewidth . . . . .		11695, 12239,	12318, 12570,
. . . 6837, 6847, 6939		12290, 14540,	12581, 12588,
\vfil 420, 434, 628, 631,		14548, 17807,	12608, 13945,
747, 776, 935, 938,		17824, 18461,	14066, 14079,



14487,	14499,	19219,	19221,	8375, 8380, 8387,
14644,	15305,	19223,	19266,	8394, 8482, 8767,
15307,	15310,	19539,	19541,	8777, 8822, 8831,
15351,	15360,	19545,	19547,	11746, 14533,
15368,	15437,	19555,	19557,	14545, 15162,
15438,	15440,	19566,	19568,	16304, 16305,
15447,	15464,	20193,	20212,	16376, 16542, 21981
15537,	15538,	20233,	20250,	\vtop . . 398, 404, 1415,
15540,	15547,	20267,	20284,	1482, 5729, 5773,
15564,	15609,	20301,	20319,	5817, 7764, 7840,
15621,	15640,	20338,	20358,	14451, 19796,
15652,	15664,	20393,	20582,	19830, 19835,
16269,	16286,	21226,	21410,	21977, 22070,
16307,	16373,	21589,	21593,	22087, 22343, 22387
16459,	16465,	21612,	21993,	
16685,	16724,	22002,	22011,	W
16793,	16802,	22020,	22108,	\waslice 16304, 16322,
16812,	16883,	22270,	22286,	16327, 16343,
16887,	16893,	22297,	22305,	16362, 16363, 16372
16897,	16932,	22428,	22507,	\wbslice . . . . . 16305,
16941,	16951,	22520, 22547, 22555		16318, 16331,
17026,	17033,	\vspace 2986, 5272, 5362,		16354, 16361,
17039,	17043,	5370, 5988, 5992,		16363, 16364,
17049,	17052,	6054, 6059, 6072,		16368, 16369,
17057,	17096,	6077, 6090, 6095,		16376, 16381, 16382
17197,	17200,	6212, 6221, 6230,		\wd . . . 1562, 1575, 1591,
17206,	17270,	6311, 6318, 6325,		2130, 2407, 6850,
17276,	17281,	6332, 6339, 6622,		6851, 6911, 6912,
17284,	17303,	6666, 6670, 7472,		6914, 6920, 6960,
17384,	17387,	7492, 7667, 7681,		7054, 7056, 7069,
17393,	17452,	9499, 9514, 9559,		7071, 7862, 8194,
17458,	17464,	9561, 9563, 11338,		9191, 9195, 10911,
17468,	17488,	11350, 13839,		11509, 11636,
17526,	17530,	13841, 14611,		12212, 12330,
17538,	17777,	14624, 17521,		12331, 12654,
17784,	17866,	17533, 20101,		12656, 12700,
17869,	17871,	20107, 20112,		12702, 12823,
17880,	17882,	20119, 20124, 20129		12904, 12906,
17884,	17927,	\vsplit . . . 8014, 8015,		12910, 12912,
18187,	18189,	8032, 8036, 8057,		12943, 12944,
18193,	18195,	8120, 8226, 8316,		12947, 12948,
18204,	18206,	8481, 9923, 11534,		12972, 12973,
18215,	18217,	11570, 12283,		12975, 12988,
18431,	18438,	12403, 12452,		12989, 12991,
18520,	18523,	15407, 15507,		13005, 13006,
18525,	18534,	16275, 16278,		13009, 13010,
18536,	18538,	16297, 16298,		13034, 13036,
18581,	18862,	16316, 16320,		13040, 13042,
18864,	18868,	16325, 16329,		13710, 13718,
18870,	18878,	16341, 16352,		13727, 13735,
18880,	18889,	16379, 22175, 22222		13902, 13909,
18891,	19116,	\vss . . . . . 306,		13947, 13948,
19123,	19205,	8091, 8150, 8333,		14073, 14482,
19208,	19210,	8339, 8355, 8361,		14630, 15317,



15321, 15323,	5049, 6833, 6836,	\XC@tgt@mod . 21682, 21725
15331, 15362,	7040, 19882, 22155	\XC@type ... 21695, 21744
15681, 16262,	\WriteEndXPostoaux 3469	\XC@undeclaredcolor
16473, 16496,	\WriteEndXYPostoaux 3586	..... 21691, 21702
16523, 17569,	\WriteEndYPostoaux 3523	\xcolor@ ... 21706, 21740
17614, 17670,	\WriteStartXPostoaux	\xdef ..... 333,
17677, 19736,	..... 3440	393, 2545, 3290,
19894, 19945,	\WriteStartXYPostoaux	3425, 3721, 3722,
20002, 20019,	..... 3548	3725, 3726, 3743,
20812, 20826,	\WriteStartYPostoaux	3744, 3747, 3748,
21623, 21667,	..... 3494	4138, 4940, 5095,
21863, 22047, 22549	\wstrutbox . 16281, 16283	6851, 6853, 6934,
\WF@everypar .... 21586		6936, 6938, 8059,
\WF@adjlw .. 21626, 21651	X	8061, 8122, 8124,
\WF@adjtln . 21648, 21651	\x ..... 4594, 4595,	8224, 8230, 8234,
\WF@box 21623, 21656, 21657	5061, 5064, 8942,	8720, 8741, 8786,
\WF@floatfalse 21589,	8943, 8946, 8947,	8792, 8793, 8838,
21597, 21607, 21610	8952, 8956, 8960,	8844, 8845, 10986,
\WF@fltnes ..... 21616	8961, 8964, 8965,	11000, 11048,
\WF@info ..... 21596,	8970, 8974, 13648,	11062, 11232,
21606, 21609,	13657, 13659, 13671	11536, 11538,
21618, 21653, 21655	\XC@tmp 21694, 21695,	11572, 11574,
\WF@ovh ..... 21623	21709, 21743,	11937, 12405,
\WF@place .. 21621, 21627	21744, 21752, 21756	12407, 12454,
\WF@putfigmaybe .. 21587	\XC@tstfalse 21694, 21743	12456, 12597,
\WF@size ... 21600, 21654	\XC@tsttrue .. 21695,	13258, 13895,
\WF@startwrapping 21659	21696, 21697,	14467, 15409,
\WF@wfname ..... 21618, 21653, 21655	21744, 21745, 21746	15411, 15509,
\WF@wrapil . 21647, 21650	\XC@bidideclaredc@lor	15511, 16225,
\whilecondition 4459,	..... 21750, 21755	16232, 16239,
4473, 4562, 4594	\XC@bidideclaredcolor	20019, 21251,
\whiledo ..... 11679	..... 21749, 21751	21255, 21276,
\widowpenalty ... 92,	\XC@bidiundeclaredcolor	21280, 21342,
295, 585, 717, 980,	..... 21734, 21736	21346, 21621,
1230, 1909, 3066,	\XC@coremodel 21678, 21721	21626, 21647,
6948, 7211, 7399,	\XC@current@color .	21648, 21650,
7711, 9270, 9544,	..... 21706,	21651, 22177,
11378, 13749,	21709, 21710,	22179, 22224, 22226
15989, 16762,	21740, 21756, 21757	\XeLaTeX ..... 13640,
17156, 17353,	\XC@declaredc@lor .	21867, 22724, 22725
17556, 18094,	..... 21701, 21708	\XeTeX .. 13639, 16475,
18769, 19446, 20080	\XC@declaredcolor 21700	21865, 22722, 22723
\WIDTH ..... 19945, 19953	\XC@display ... 21707,	\XeTeXcharclass 2276,
\width .. 12233, 12634,	21711, 21741, 21758	2277, 2278, 2279, 2280
12722, 12724,	\XC@edef ... 21694, 21743	\XeTeXinterchartokenstate
15198, 15207, 15231	\XC@fbox ..... 21762	..... 2273
\widthof ..... 9046, 9051	\XC@getmodclr 21674, 21717	\XeTeXinterchartoks 2281
\windowbox . 16371, 16377	\XC@inflate . 21688, 21731	\XKV@err .. 1756, 1759,
\wlog .... 8303, 8344, 8366	\XC@let@Nc . 21709, 21756	1782, 1785, 1808, 1811
\write 3108, 3443, 3471,	\XC@mclr ... 21688, 21731	\XKV@errx 1762, 1788, 1814
3497, 3525, 3551,	\XC@mmod ..... 21686,	\XKV@tkey 1759, 1785, 1811
3554, 3588, 3591,	21687, 21729, 21730	\xm .. 8943, 8947, 8961, 8965
	\XC@mul .... 21689, 21732	\xxm . 8951, 8955, 8969, 8973
	\XC@split ..... 21752	\xyzzz ..... 5876



Y		6912, 6914, 6920,	10514,	10623,
\y . . .	8943, 8947, 8951,	6934, 6938, 6942,	10732,	10841,
	8955, 8960, 8961,	6943, 6944, 6945,	10910,	10983,
	8964, 8965, 8969,	6946, 6947, 6960,	11045,	11111,
	8970, 8973, 8974,	7034, 7046, 7047,	11115,	11119,
	13644, 13646,	7054, 7056, 7069,	11218,	11219,
	13647, 13650, 13657	7071, 7079, 7123,	11220,	11227,
\ym . .	8960, 8964, 8970, 8974	7127, 7128, 7139,	11228,	11229,
\yym .	8942, 8946, 8952, 8956	7140, 7143, 7145,	11313,	11328,
		7158, 7181, 7233,	11339,	11351,
		7235, 7237, 7245,	11434,	11477,
Z		7262, 7300, 7304,	11479,	11481,
\z@ . . . . .	12, 24, 46, 60,	7305, 7316, 7317,	11510,	11661,
	76, 99, 103, 111,	7320, 7322, 7335,	11718,	11746,
	128, 134, 136, 207,	7358, 7410, 7412,	11769,	11771,
	219, 223, 249, 263,	7414, 7422, 7439,	11773,	11782,
	278, 306, 314, 318,	7473, 7493, 7510,	11784,	11786,
	336, 357, 361, 364,	7515, 7516, 7575,	11932,	11986,
	375, 390, 395, 401,	7622, 7637, 7655,	12003,	12019,
	402, 466, 513, 525,	7657, 7659, 7668,	12046,	12060,
	530, 557, 596, 601,	7682, 7733, 7734,	12074,	12088,
	602, 612, 616, 617,	7745, 7747, 7830,	12092,	12168,
	646, 647, 650, 652,	7832, 7837, 7851,	12173,	12180,
	665, 690, 742, 759,	7853, 7854, 7859,	12185,	12192,
	817, 861, 865, 866,	7860, 7861, 7862,	12197,	12280,
	873, 874, 877, 880,	7863, 7897, 7908,	12330,	12337,
	892, 909, 946, 949,	8026, 8194, 8217,	12363,	12364,
	994, 1011, 1057,	8250, 8253, 8256,	12365,	12386,
	1069, 1113, 1117,	8264, 8275, 8285,	12387,	12553,
	1118, 1129, 1130,	8288, 8293, 8296,	12628,	12629,
	1133, 1135, 1148,	8300, 8327, 8330,	12630,	12637,
	1174, 1244, 1261,	8336, 8352, 8358,	12644,	12645,
	1319, 1356, 1382,	8412, 8424, 8437,	12646,	12647,
	1386, 1389, 1402,	8456, 8459, 8480,	12648,	12650,
	1424, 1432, 1450,	8708, 8729, 8746,	12651,	12653,
	1460, 1462, 1472,	8747, 8749, 8750,	12654,	12656,
	1474, 1479, 1493,	8758, 8780, 8782,	12690,	12691,
	1495, 1496, 1544,	8785, 8803, 8804,	12692,	12693,
	1546, 1547, 1552,	8806, 8807, 8815,	12694,	12696,
	1554, 1556, 1558,	8832, 8834, 8837,	12697,	12699,
	1559, 1584, 1661,	9160, 9182, 9184,	12700,	12702,
	1678, 1695, 1710,	9186, 9189, 9191,	12774,	12780,
	1725, 1740, 2123,	9193, 9195, 9197,	13757,	13761,
	2128, 2129, 2130,	9198, 9204, 9209,	13777,	13781,
	2132, 2400, 2405,	9223, 9237, 9250,	13793,	13805,
	2406, 2407, 2409,	9334, 9431, 9477,	13822,	13919,
	2763, 2818, 3078,	9487, 9489, 9491,	13962,	13969,
	3088, 3093, 3621,	9500, 9515, 9633,	13977,	13990,
	3638, 4439, 4449,	9639, 9645, 9758,	13992,	14032,
	5169, 5178, 5477,	9763, 9770, 9775,	14039,	14044,
	5710, 5714, 5754,	9782, 9787, 9893,	14055,	14127,
	5758, 5798, 5802,	9894, 9895, 9975,	14429,	14431,
	6388, 6415, 6446,	10081, 10187,	14463,	14469,
	6458, 6636, 6864,	10296, 10405,	14472,	14477,
	6867, 6870, 6911,			





14480,	14514,	17570,	17571,	20766,	20773,
14528,	14532,	17614,	17615,	20776,	21124,
14533,	14536,	17616,	17654,	21128,	21226,
14542,	14581,	17658,	17659,	21231,	21236,
14602,	14604,	17664,	17668,	21284,	21410,
14626,	14655,	17669,	17670,	21596,	21603,
15267,	15270,	17675,	17676,	21604,	21622,
15294,	15419,	17677,	17682,	21638,	21641,
15423,	15433,	17686,	17687,	21650,	21651,
15494,	15519,	17732,	17747,	21653,	21657,
15523,	15533,	17760,	17768,	21664,	21665,
15591,	15608,	17777,	17784,	21666,	21667,
15617,	15619,	17786,	17856,	21762,	21767,
15640,	15652,	17882,	17927,	21769,	21817,
15664,	15684,	18210,	18287,	21821,	21822,
15695,	15701,	18296,	18299,	21827,	21831,
15978,	15983,	18305,	18315,	21832,	21861,
16024,	16034,	18325,	18385,	21862,	21863,
16084,	16085,	18400,	18414,	21914,	21915,
16086,	16088,	18422,	18431,	21916,	21993,
16090,	16095,	18438,	18440,	22002,	22011,
16113,	16390,	18510,	18536,	22020,	22024,
16434,	16436,	18581,	18884,	22044,	22045,
16471,	16472,	18961,	18964,	22075,	22086,
16473,	16482,	18970,	18984,	22094,	22099,
16483,	16496,	18990,	19000,	22108,	22324,
16520,	16521,	19010,	19070,	22328,	22368,
16542,	16587,	19085,	19099,	22372,	22413,
16588,	16605,	19107,	19116,	22417,	22420,
16651,	16655,	19123,	19125,	22430,	22431,
16656,	16685,	19195,	19221,	22435,	22442,
16686,	16689,	19266,	19561,	22479,	22505,
16691,	16704,	19638,	19641,	22518,	22558, 22559
16727,	16773,	19647,	19661,	\z@skip ..	2818, 11716,
16775,	16777,	19667,	19677,	11717,	14602,
16787,	16804,	19687,	19727,	14605,	16602,
16862,	16906,	19728,	19729,	19790,	19795,
16910,	16911,	19730,	19735,	19828,	19834,
16926,	16943,	19736,	19740,	22023,	22024,
17003,	17044,	19752,	19786,	22079,	22085, 22505
17057,	17058,	19809,	19821,	\zap@space	4806, 4893, 4929
17061,	17063,	19825,	19918,	\zifrefundefined ..	
17076,	17099,	19922,	19929,	.....	11835, 11858
17138,	17140,	19940,	19986,	\zref@extractdefault	
17142,	17195,	19987,	19997,	.....	11840, 11861
17238,	17247,	20001,	20002,	\zref@labelbyprops	
17274,	17291,	20003,	20006,	.....	11806, 11881
17306,	17327,	20015,	20016,		
17329,	17331,	20018,	20019,	☒	
17365,	17370,	20021,	20029,	\ .....	2279
17371,	17429,	20034,	20049,	\ .....	2279
17476,	17491,	20135,	20136,		
17509,	17511,	20210,	20300,	☒	
17513,	17522,	20318,	20411,	\ .....	2280
17534,	17569,	20590,	20702,	\ .....	2280

