



The XePersian *Package*

Source documentation for version 22.8

*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/bidi-tex/xepersian/issues>

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

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The XePersian *Package*

Persian for L^AT_EX 2_ε, using XeT_EX engine

Source documentation for [version 22.8](#)

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1 File algorithmic-xepersian.def

```

1 \ProvidesFile{algorithmic-xepersian.def}[2010/07/25 v0.2 adaptations for algorithmic package]
2 \def\algorithmicrequire{\if@RTL\textbf{ : }\else\textbf{Require:}\fi}
3 \def\algorithmicensure{\if@RTL\textbf{ : }\else\textbf{Ensure:}\fi}

```

2 File algorithm-xepersian.def

```

4 \ProvidesFile{algorithm-xepersian.def}[2010/07/25 v0.2 adaptations for algorithm package]
5 \def\ALG@name{\if@RTL else\ Algorithm\fi}
6 \def\ALGS@name{ }
7 \def\listalgorithmname{\if@RTL \ALGS@name\else List of \ALG@name s\fi}

```

3 File amsart-xepersian.def

```

8 \ProvidesFile{amsart-xepersian.def}[2017/02/04 v0.4 adaptations for amsart class]
9 \renewcommand \thepart {\@tartibi\c@part}
10 \def\appendix{\par\c@section\z@ \c@subsection\z@
11 \let\sectionname\appendixname
12 \def\thesection{\@harfi\c@section}}

```



4 File amsbook-xepersian.def

```

14 \ProvidesFile{amsbook-xepersian.def}[2017/02/04 v0.5 adaptations for amsbook class]
15 \def\frontmatter{\cleardoublepage\pagenumbering{harfi}}
16 \renewcommand \thepart {\@tartibi\c@part}
17 \def\appendix{\par
18   \c@chapter\z@ \c@section\z@
19   \let\chaptername\appendixname
20   \def\thechapter{\@harfi\c@chapter}}
21
22

```

5 File appendix-xepersian.def

```

23 \ProvidesFile{appendix-xepersian.def}[2015/02/01 v0.1 adaptations for appendix package]
24 \renewcommand{\@resets@pp}{\par
25   \@ppsavesec
26   \stepcounter{@pps}
27   \setcounter{section}{0}%
28   \if@chapter@pp
29     \setcounter{chapter}{0}%
30     \renewcommand\@chapapp{\appendixname}%
31     \renewcommand\thechapter{\@harfi\c@chapter}%
32   \else
33     \setcounter{subsection}{0}%
34     \renewcommand\thesection{\@harfi\c@section}%
35   \fi
36   \restoreapp
37 }

```

6 File article-xepersian.def

```

38 \ProvidesFile{article-xepersian.def}[2010/07/25 v0.2 adaptations for standard article class]
39 \renewcommand \thepart {\@tartibi\c@part}
40 \renewcommand\appendix{\par
41   \setcounter{section}{0}%
42   \setcounter{subsection}{0}%
43   \gdef\thesection{\@harfi\c@section}}

```

7 File artikel1-xepersian.def

```

44 \ProvidesFile{artikel1-xepersian.def}[2010/07/25 v0.1 adaptations for artikel1 class]
45 \renewcommand*\thepart{\@tartibi\c@part}
46 \renewcommand*\appendix{\par
47   \setcounter{section}{0}%
48   \setcounter{subsection}{0}%
49   \gdef\thesection{\@harfi\c@section}}

```



8 File artikel2-xepersian.def

```
50 \ProvidesFile{artikel2-xepersian.def}[2010/07/25 v0.1 adaptations for artikel2 class]
51 \renewcommand*\thepart{\@tartibi\c@part}
52 \renewcommand*\appendix{\par
53   \setcounter{section}{0}%
54   \setcounter{subsection}{0}%
55   \gdef\thesection{\@harfi\c@section}}
```

9 File artikel3-xepersian.def

```
56 \ProvidesFile{artikel3-xepersian.def}[2010/07/25 v0.1 adaptations for artikel3 class]
57 \renewcommand*\thepart{\@tartibi\c@part}
58 \renewcommand*\appendix{\par
59   \setcounter{section}{0}%
60   \setcounter{subsection}{0}%
61   \gdef\thesection{\@harfi\c@section}}
```

10 File backref-xepersian.def

```
62 \ProvidesFile{backref-xepersian.def}[2010/07/25 v0.1 adaptations for backref package]
63 \def\backrefpagesname{\ifRTL else\  pages\fi}
64 \def\BR@Latincitex[#1]#2{%
65   \BRorg@Latincitex[#1]#2}%
66   \ifBR@verbose
67     \PackageInfo{backref}{back Latin cite \string`#2\string'}%
68   \fi
69   \Hy@backout{#2}%
70 }
71 \AtBeginDocument{%
72   \@ifundefined{NAT@parse}{%
73     \global\let\BRorg@Latincitex\@Latincitex
74     \global\let\@Latincitex\BR@Latincitex
75   }{%
76     \@ifpackageloaded{hyperref}{%}{%
77       \def\hyper@natlinkstart#1{\Hy@backout{#1}}%
78     }%
79     \PackageInfo{backref}{** backref set up for natbib **}%
80   }%
81 }
```

11 File bidentuftsidenote-xepersian.def

```
82 \ProvidesFile{bidentuftsidenote-xepersian.def}[2017/02/04 v0.3 xepersian changes to bidentuftsidenote]
83
84 \setLTRcitationfont{\resetlatinfont\footnotesize}
85
86 \renewcommand*\{@bidentuftsidenote@LTRmarginfont}{\resetlatinfont\footnotesize}
87
88 \renewcommand*\{@bidentuftsidenote@RTLmarginfont}{\setpersianfont\footnotesize}
```



89
90

12 File bidimoderncv-xepersian.def

```
91 \ProvidesFile{bidimoderncv-xepersian.def}[2010/07/25 v0.1 adaptations for bidimoderncv class]
92 \def\refname{\if@RTL else\    Publications\fi}
```

13 File boek3-xepersian.def

```
93 \ProvidesFile{boek3-xepersian.def}[2010/07/25 v0.1 adaptations for boek3 class]
94 \renewcommand*\thepart{\@tartibi\c@part}
95 \renewcommand*\frontmatter{%
96   \cleardoublepage
97   \@mainmatterfalse
98   \pagenumbering{harfi}}
99 \renewcommand*\appendix{\par
100   \setcounter{chapter}{0}%
101   \setcounter{section}{0}%
102   \gdef\@chapapp{\appendixname}%
103   \gdef\thechapter{\@harfi\c@chapter}}
```

14 File boek-xepersian.def

```
104 \ProvidesFile{boek-xepersian.def}[2010/07/25 v0.1 adaptations for boek class]
105 \renewcommand*\thepart{\@tartibi\c@part}
106 \renewcommand*\frontmatter{%
107   \cleardoublepage
108   \@mainmatterfalse
109   \pagenumbering{harfi}}
110 \renewcommand*\appendix{\par
111   \setcounter{chapter}{0}%
112   \setcounter{section}{0}%
113   \gdef\@chapapp{\appendixname}%
114   \gdef\thechapter{\@harfi\c@chapter}}
```

15 File bookest-xepersian.def

```
115 \ProvidesFile{bookest-xepersian.def}[2010/07/25 v0.1 adaptations for bookest class]
116 \renewcommand \thepart {\@tartibi\c@part}
117 \renewcommand\appendix{\par
118   \setcounter{chapter}{0}%
119   \setcounter{section}{0}%
120   \gdef\@chapapp{\appendixname}%
121   \gdef\thechapter{\@harfi\c@chapter}
122 }%end appendix
```

16 File book-xepersian.def

```
123 \ProvidesFile{book-xepersian.def}[2010/07/25 v0.2 adaptations for standard book class]
```



```

124 \renewcommand\frontmatter{%
125     \cleardoublepage
126     \@mainmatterfalse
127     \pagenumbering{harfi}}
128 \renewcommand \thepart {\@tartibi\c@part}
129 \renewcommand\appendix{\par
130     \setcounter{chapter}{0}%
131     \setcounter{section}{0}%
132     \gdef\@chapapp{\appendixname}%
133     \gdef\thechapter{\@harfi\c@chapter}
134 }%end appendix

```

17 File breqn-xepersian.def

```

135 \ProvidesFile{breqn-xepersian.def}[2010/07/25 v0.1 adaptations for breqn package]
136 \def\@dmath[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
137     \everydisplay\expandafter{\the\everydisplay \display@setup}%
138     \if@noskipsec \leavevmode \fi
139     \if@inlabel \leavevmode \global\@inlabelfalse \fi
140     \if\eq@group\else\eq@prelim\fi
141     \setkeys{breqn}{#1}%
142     \the\eqstyle
143     \eq@setnumber
144     \begingroup
145     \eq@setup@a
146     \eq@startup
147 }
148 \def\@dgroup[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
149     \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
150     \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
151     \global\let\GRP@label\@empty
152     \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
153     \global\grp@linewidth\z@\global\grp@wdNum\z@
154     \global\let\grp@eqs@numbered\@False
155     \global\let\grp@aligned\@True
156     \global\let\grp@shiftnumber\@False
157     \eq@prelim
158     \setkeys{breqn}{#1}%
159     \if\grp@hasNumber \grp@setnumber \fi
160 }
161 \def\@dseries[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
162     \let\display@setup\dseries@display@setup
163     % Question: should this be the default for dseries???
164     \global\eq@wdCond\z@
165     \@dmath[layout={M},#1]%
166     \mathsurround\z@\@math \penalty\@Mi
167     \let\endmath\ends@math
168     \def\premath{%
169         \ifdim\lastskip<.3em \unskip
170         \else\ifnum\lastpenalty<\@M \dquad\fi\fi

```



```

171 }%
172 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
173 \ignorespaces
174 }

```

18 File latex-localise-commands-xepersian.def

```

175 \ProvidesFile{latex-localise-commands-xepersian.def}[2014/02/05 v0.3 Persian localisation of I
176 \eqcommand{ }{@arstrut}
177 \eqcommand{ }{above}
178 \eqcommand{ }{abovedisplayshortskip}
179 \eqcommand{ }{abovedisplayskip}
180 \eqcommand{ }{abstractname}
181 \eqcommand{ }{accent}
182 \eqcommand{ }{active}
183 \eqcommand{ }{addcontentsline}
184 \eqcommand{ }{addpenalty}
185 \eqcommand{ }{address}
186 \eqcommand{ }{addtocontents}
187 \eqcommand{ }{addtocounter}
188 \eqcommand{ }{addtolength}
189 \eqcommand{ }{advvspace}
190 \eqcommand{ }{adjdemerits}
191 \eqcommand{ }{advance}
192 \eqcommand{ }{afterassignment}
193 \eqcommand{ }{aftergroup}
194 \eqcommand{ }{aleph}
195 \eqcommand{ }{aliasfontfeature}
196 \eqcommand{ }{aliasfontfeatureoption}
197 \eqcommand{ }{allowbreak}
198 \eqcommand{ @}{alloc@}
199 \eqcommand{ }{allocationnumber}
200 \eqcommand{ }{allowdisplaybreaks}
201 \eqcommand{ }{Alph}
202 \eqcommand{ }{alph}
203 \eqcommand{ }{alsoname}
204 \eqcommand{ }{and}
205 \eqcommand{ }{angle}
206 \eqcommand{ }{appendixname}
207 \eqcommand{ }{approx}
208 \eqcommand{ }{arabic}
209 \eqcommand{ }{arg}
210 \eqcommand{ }{arrayrulecolor}
211 \eqcommand{ }{arraycolsep}
212 \eqcommand{ }{arrayrulewidth}
213 \eqcommand{ }{arraystretch}
214 \eqcommand{ }{AtBeginDocument}
215 \eqcommand{ }{AtEndDocument}
216 \eqcommand{ }{AtEndOfClass}
217 \eqcommand{ }{AtEndOfPackage}

```




```

218 \eqcommand{    }{author}
219 \eqcommand{    }{backmatter}
220 \eqcommand{    }{backslash}
221 \eqcommand{    }{badness}
222 \eqcommand{    }{bar}
223 \eqcommand{    }{baselineskip}
224 \eqcommand{    }{baselinestretch}
225 \eqcommand{    }{batchmode}
226 \eqcommand{    }{begin}
227 \eqcommand{    }{beginL}
228 \eqcommand{    }{beginR}
229 \eqcommand{    }{begingroup}
230 \eqcommand{    }{belowdisplayshortskip}
231 \eqcommand{    }{belowdisplayskip}
232 \eqcommand{    }{bf}
233 \eqcommand{    }{bfdefault}
234 \eqcommand{    }{bfseries}
235 \eqcommand{    }{bgroup}
236 \eqcommand{    }{bibitem}
237 \eqcommand{    }{bibliography}
238 \eqcommand{    }{bibliographystyle}
239 \eqcommand{    }{bibname}
240 \eqcommand{    }{bigskip}
241 \eqcommand{    }{bigskipamount}
242 \eqcommand{    }{botfigrule}
243 \eqcommand{    }{botmark}
244 \eqcommand{    }{bottompageskip}
245 \eqcommand{    }{bottomfraction}
246 \eqcommand{    }{box}
247 \eqcommand{    }{boxmaxdepth}
248 \eqcommand{    }{break}
249 \eqcommand{    }{bullet}
250 \eqcommand{ @ }{@cclv}
251 \eqcommand{ @ }{@cclvi}
252 \eqcommand{    }{caption}
253 \eqcommand{    }{catcode}
254 \eqcommand{    }{cc}
255 \eqcommand{    }{ccname}
256 \eqcommand{    }{cdot}
257 \eqcommand{    }{cdots}
258 \eqcommand{    }{centering}
259 \eqcommand{    }{centerline}
260 \eqcommand{ @ }{@ch@ck}
261 \eqcommand{    }{chapter}
262 \eqcommand{    }{chaptername}
263 \eqcommand{    }{char}
264 \eqcommand{    }{chardef}
265 \eqcommand{    }{CheckCommand}
266 \eqcommand{    }{cite}
267 \eqcommand{    }{ClassError}

```



```

268 \eqcommand{      }\{ClassInfo\}
269 \eqcommand{      }\{ClassWarning\}
270 \eqcommand{      }\{ClassWarningNoLine\}
271 \eqcommand{      }\{cleaders\}
272 \eqcommand{      }\{cleardoublepage\}
273 \eqcommand{      }\{clearpage\}
274 \eqcommand{      }\{cline\}
275 \eqcommand{      }\{closein\}
276 \eqcommand{      }\{closeout\}
277 \eqcommand{      }\{closing\}
278 \eqcommand{      }\{clubpenalty\}
279 \eqcommand{      }\{clubsuit\}
280 \eqcommand{      }\{colbotmark\}
281 \eqcommand{      }\{colfirstmark\}
282 \eqcommand{      }\{color\}
283 \eqcommand{      }\{colorbox\}
284 \eqcommand{      }\{coltopmark\}
285 \eqcommand{      }\{columncolor\}
286 \eqcommand{      }\{columnsep\}
287 \eqcommand{      }\{columnwidth\}
288 \eqcommand{      }\{columnseprule\}
289 \eqcommand{      }\{contentsline\}
290 \eqcommand{      }\{contentsname\}
291 \eqcommand{      }\{copy\}
292 \eqcommand{      }\{copyright\}
293 \eqcommand{      }\{count\}
294 \eqcommand{      }@\{count@\}
295 \eqcommand{      }\{countdef\}
296 \eqcommand{      }\{cr\}
297 \eqcommand{      }\{crrr\}
298 \eqcommand{      }\{csname\}
299 \eqcommand{      }\{CurrentOption\}
300 \eqcommand{      }\{dashbox\}
301 \eqcommand{      }\{dashv\}
302 \eqcommand{      }\{@date\}
303 \eqcommand{      }\{date\}
304 \eqcommand{      }\{day\}
305 \eqcommand{      }\{dblbotfigrule\}
306 \eqcommand{      }\{dblbottomfraction\}
307 \eqcommand{      }\{dblfigrule\}
308 \eqcommand{      }\{dblfloatpagefraction\}
309 \eqcommand{      }\{dblfloatsep\}
310 \eqcommand{      }\{dblftntlocatecode\}
311 \eqcommand{      }\{dbltextfloatsep\}
312 \eqcommand{      }\{dbltopfraction\}
313 \eqcommand{      }\{DeclareFixedFont\}
314 \eqcommand{      }\{DeclareGraphicsExtensions\}
315 \eqcommand{      }\{DeclareGraphicsRule\}
316 \eqcommand{      }\{DeclareOldFontCommand\}
317 \eqcommand{      }\{DeclareOption\}

```



```

318 \eqcommand{      }{DeclareRobustCommand}
319 \eqcommand{      }{DeclareSymbolFont}
320 \eqcommand{      }{deadcycles}
321 \eqcommand{ }{def}
322 \eqcommand{ @ }{define@key}
323 \eqcommand{      }{definecolor}
324 \eqcommand{      }{deg}
325 \eqcommand{      }{delcode}
326 \eqcommand{      }{delimiter}
327 \eqcommand{      }{delimiterfactor}
328 \eqcommand{      }{depth}
329 \eqcommand{ }{diamondsuit}
330 \eqcommand{      }{dim}
331 \eqcommand{      }{dimen}
332 \eqcommand{ @ }{dimen@}
333 \eqcommand{ @ }{dimen@i}
334 \eqcommand{ @ }{dimen@ii}
335 \eqcommand{      }{dimendef}
336 \eqcommand{      }{discretionary}
337 \eqcommand{      }{displaybreak}
338 \eqcommand{      }{displayindent}
339 \eqcommand{      }{displaystyle}
340 \eqcommand{      }{displaywidth}
341 \eqcommand{      }{divide}
342 \eqcommand{      }{documentclass}
343 \eqcommand{ }{do}
344 \eqcommand{      }{dospecials}
345 \eqcommand{      }{dot}
346 \eqcommand{      }{doteq}
347 \eqcommand{      }{dotfill}
348 \eqcommand{      }{dots}
349 \eqcommand{      }{doublebox}
350 \eqcommand{      }{doublerulesepcolor}
351 \eqcommand{      }{doublerulesep}
352 \eqcommand{      }{downarrow}
353 \eqcommand{ }{dp}
354 \eqcommand{      }{dump}
355 \eqcommand{ }{edef}
356 \eqcommand{      }{egroup}
357 \eqcommand{      }{eject}
358 \eqcommand{      }{else}
359 \eqcommand{      }{em}
360 \eqcommand{      }{emergencystretch}
361 \eqcommand{      }{emph}
362 \eqcommand{@ }{@empty}
363 \eqcommand{ }{empty}
364 \eqcommand{      }{emptyset}
365 \eqcommand{      }{end}
366 \eqcommand{      }{endL}
367 \eqcommand{      }{endR}

```



```

368 \eqcommand{      }\{endcsname\}
369 \eqcommand{      }\{endfirsthead\}
370 \eqcommand{      }\{endfoot\}
371 \eqcommand{      }\{endgraf\}
372 \eqcommand{      }\{endgroup\}
373 \eqcommand{      }\{endhead\}
374 \eqcommand{      }\{endinput\}
375 \eqcommand{      }\{endlastfoot\}
376 \eqcommand{      }\{enlargethispage\}
377 \eqcommand{      }\{endline\}
378 \eqcommand{      }\{endlinechar\}
379 \eqcommand{      }\{enspace\}
380 \eqcommand{      }\{enskip\}
381 \eqcommand{      }\{eqcommand\}
382 \eqcommand{      }\{eqenvironment\}
383 \eqcommand{      }\{eqref\}
384 \eqcommand{      }\{errhelp\}
385 \eqcommand{      }\{errmessage\}
386 \eqcommand{      }\{errorcontextlines\}
387 \eqcommand{      }\{errorstopmode\}
388 \eqcommand{      }\{escapechar\}
389 \eqcommand{      }\{euro\}
390 \eqcommand{      }\{evensidemargin\}
391 \eqcommand{      }\{everycr\}
392 \eqcommand{      }\{everydisplay\}
393 \eqcommand{      }\{everyhbox\}
394 \eqcommand{      }\{everyjob\}
395 \eqcommand{      }\{everymath\}
396 \eqcommand{      }\{everypar\}
397 \eqcommand{      }\{everyvbox\}
398 \eqcommand{      }\{ExecuteOptions\}
399 \eqcommand{      }\{exhyphenpenalty\}
400 \eqcommand{      }\{expandafter\}
401 \eqcommand{      }\{extracolsep\}
402 \eqcommand{@      }\{@firstofone\}
403 \eqcommand{@      }\{@firstoftwo\}
404 \eqcommand{@ @ }\{four\}
405 \eqcommand{      }\{fam\}
406 \eqcommand{      }\{fancy page\}
407 \eqcommand{      }\{fbox\}
408 \eqcommand{      }\{fboxrule\}
409 \eqcommand{      }\{fboxsep\}
410 \eqcommand{      }\{fcolorbox\}
411 \eqcommand{      }\{fi\}
412 \eqcommand{      }\{figurename\}
413 \eqcommand{      }\{filbreak\}
414 \eqcommand{      }\{fill\}
415 \eqcommand{      }\{firstmark\}
416 \eqcommand{      }\{flat\}
417 \eqcommand{      }\{floatpagefraction\}

```



```

418 \eqcommand{ }{floatingpenalty}
419 \eqcommand{ }{floatsep}
420 \eqcommand{ }{flushbottom}
421 \eqcommand{ }{fmtname}
422 \eqcommand{ }{fmtversion}
423 \eqcommand{ }{fnsymbol}
424 \eqcommand{ }{font}
425 \eqcommand{ }{fontdimen}
426 \eqcommand{ }{fontencoding}
427 \eqcommand{ }{fontfamily}
428 \eqcommand{ }{fontname}
429 \eqcommand{ }{fontseries}
430 \eqcommand{ }{fontshape}
431 \eqcommand{ }{fontsize}
432 \eqcommand{ }{footheight}
433 \eqcommand{ }{footins}
434 \eqcommand{ }{footnote}
435 \eqcommand{ }{footnotemark}
436 \eqcommand{ }{footnoterule}
437 \eqcommand{ }{footnotesep}
438 \eqcommand{ }{footnotesize}
439 \eqcommand{ }{footnotetext}
440 \eqcommand{ }{footskip}
441 \eqcommand{ }{frame}
442 \eqcommand{ }{framebox}
443 \eqcommand{ }{frenchspacing}
444 \eqcommand{ }{frontmatter}
445 \eqcommand{ }{futurelet}
446 \eqcommand{@ }{@gobble}
447 \eqcommand{@ }{@gobbletwo}
448 \eqcommand{@ }{@gobblefour}
449 \eqcommand{@ }{@gtempa}
450 \eqcommand{@ }{@gtempb}
451 \eqcommand{ }{gdef}
452 \eqcommand{ }{GenericInfo}
453 \eqcommand{ }{GenericWarning}
454 \eqcommand{ }{GenericError}
455 \eqcommand{ }{global}
456 \eqcommand{ }{globaldefs}
457 \eqcommand{ }{glossary}
458 \eqcommand{ }{glossaryentry}
459 \eqcommand{ }{goodbreak}
460 \eqcommand{ }{graphpaper}
461 \eqcommand{ }{guillemotleft}
462 \eqcommand{ }{guillemotright}
463 \eqcommand{ }{guilsinglleft}
464 \eqcommand{ }{guilsinglright}
465 \eqcommand{ }{halign}
466 \eqcommand{ }{hang}
467 \eqcommand{ }{hangafter}

```



```

468 \eqcommand{      }{hangindent}
469 \eqcommand{      }{hbadness}
470 \eqcommand{      }{hbox}
471 \eqcommand{      }{headheight}
472 \eqcommand{      }{headsep}
473 \eqcommand{      }{headtoname}
474 \eqcommand{ }{heartsuit}
475 \eqcommand{ }{height}
476 \eqcommand{ }{hfil}
477 \eqcommand{ }{hfill}
478 \eqcommand{ }{hfilneg}
479 \eqcommand{ }{hfuzz}
480 \eqcommand{ }{hideskip}
481 \eqcommand{ }{hidewidth}
482 \bidi@csletcs{ }{hline}% this is an exception
483 \eqcommand{ }{hoffset}
484 \eqcommand{ }{holdinginserts}
485 \eqcommand{ }{hrboxsep}
486 \eqcommand{ }{hrule}
487 \eqcommand{ }{hrulefill}
488 \eqcommand{ }{hsize}
489 \eqcommand{ }{hskip}
490 \eqcommand{ }{hspace}
491 \eqcommand{ }{hss}
492 \eqcommand{ }{ht}
493 \eqcommand{ }{huge}
494 \eqcommand{ }{Huge}
495 \eqcommand{ }{hyperlink}
496 \eqcommand{ }{hypersetup}
497 \eqcommand{ }{hypertarget}
498 \eqcommand{ }{hyphenation}
499 \eqcommand{ }{hyphenchar}
500 \eqcommand{ }{hyphenpenalty}
501 \eqcommand{@ }{@ifclassloaded}
502 \eqcommand{@ }{@ifdefinable}
503 \eqcommand{@ }{@ifnextchar}
504 \eqcommand{@ }{@ifpackageloaded}
505 \eqcommand{@ }{@ifstar}
506 \eqcommand{@ }{@ifundefined}
507 \eqcommand{ }{if}
508 \eqcommand{ @ }{if@tempswa}
509 \eqcommand{ }{ifcase}
510 \eqcommand{ }{ifcat}
511 \eqcommand{ }{ifdefined}
512 \eqcommand{ }{ifdim}
513 \eqcommand{ }{ifeof}
514 \eqcommand{ }{iff}
515 \eqcommand{ }{iffalse}
516 \eqcommand{ }{IfFileExists}
517 \eqcommand{ }{ifhbox}

```



```

518 \eqcommand{    }{ifhmode}
519 \eqcommand{    }{ifinner}
520 \eqcommand{    }{ifmmode}
521 \eqcommand{    }{ifnum}
522 \eqcommand{    }{ifodd}
523 \eqcommand{    }{ifthenelse}
524 \eqcommand{    }{iftrue}
525 \eqcommand{    }{ifvbox}
526 \eqcommand{    }{ifvmode}
527 \eqcommand{    }{ifvoid}
528 \eqcommand{    }{ifx}
529 \eqcommand{    }{ignorespaces}
530 \eqcommand{    }{immediate}
531 \eqcommand{    }{include}
532 \eqcommand{    }{includegraphics}
533 \eqcommand{    }{includeonly}
534 \eqcommand{    }{indent}
535 \eqcommand{    }{index}
536 \eqcommand{    }{indexentry}
537 \eqcommand{    }{indexname}
538 \eqcommand{    }{indexspace}
539 \eqcommand{    }{input}
540 \eqcommand{    }{InputIfFileExists}
541 \eqcommand{    }{inputlineno}
542 \eqcommand{    }{insert}
543 \eqcommand{    }{insertpenalties}
544 \eqcommand{    }{interfootnotelinepenalty}
545 \eqcommand{    }{interdisplaylinepenalty}
546 \eqcommand{    }{interlinepenalty}
547 \eqcommand{    }{intertext}
548 \eqcommand{    }{intertextsep}
549 \eqcommand{    }{invisible}
550 \eqcommand{    }{itdefault}
551 \eqcommand{    }{itshape}
552 \eqcommand{    }{item}
553 \eqcommand{    }{itemindent}
554 \eqcommand{    }{itemsep}
555 \eqcommand{    }{iterate}
556 \eqcommand{    }{itshape}
557 \eqcommand{    }{jobname}
558 \eqcommand{    }{jot}
559 \eqcommand{    }{kern}
560 \eqcommand{    }{kill}
561 \eqcommand{    }{label}
562 \eqcommand{    }{labelenumi}
563 \eqcommand{    }{labelenumii}
564 \eqcommand{    }{labelenumiii}
565 \eqcommand{    }{labelenumiv}
566 \eqcommand{    }{labelitemi}
567 \eqcommand{    }{labelitemii}

```



```

568 \eqcommand{      }{\labelitemiii}
569 \eqcommand{      }{\labelitemiv}
570 \eqcommand{      }{\labelsep}
571 \eqcommand{      }{\labelwidth}
572 \eqcommand{ }{\language}
573 \eqcommand{ }{\large}
574 \eqcommand{ }{\Large}
575 \eqcommand{ }{\LARGE}
576 \eqcommand{ }{\lastbox}
577 \eqcommand{ }{\lastkern}
578 \eqcommand{ }{\lastpenalty}
579 \eqcommand{ }{\lastskip}
580 \eqcommand{ }{\LaTeX}
581 \eqcommand{ }{\LaTeXe}
582 \eqcommand{ }{\lccode}
583 \eqcommand{ }{\ldots}
584 \eqcommand{ }{\leaders}
585 \eqcommand{ }{\leavevmode}
586 \eqcommand{ }{\left}
587 \eqcommand{ }{\leftmargin}
588 \eqcommand{ }{\leftmargini}
589 \eqcommand{ }{\leftmarginii}
590 \eqcommand{ }{\leftmarginiii}
591 \eqcommand{ }{\leftmarginiv}
592 \eqcommand{ }{\leftmarginv}
593 \eqcommand{ }{\leftmarginvi}
594 \eqcommand{ }{\leftmark}
595 \eqcommand{ }{\leftpageskip}
596 \eqcommand{ }{\leftskip}
597 \eqcommand{ }{\let}
598 \eqcommand{ }{\line}
599 \eqcommand{ }{\linebreak}
600 \eqcommand{ }{\linepenalty}
601 \eqcommand{ }{\lineskip}
602 \eqcommand{ }{\lineskiplimit}
603 \eqcommand{ }{\linespread}
604 \eqcommand{ }{\linethickness}
605 \eqcommand{ }{\linewidth}
606 \eqcommand{ }{\listfigurename}
607 \eqcommand{ }{\listfiles}
608 \eqcommand{ }{\listoffigures}
609 \eqcommand{ }{\listoftables}
610 \eqcommand{ }{\listparindent}
611 \eqcommand{ }{\listtablename}
612 \eqcommand{ }{\LoadClass}
613 \eqcommand{ }{\LoadClassWithOptions}
614 \eqcommand{ }{\location}
615 \eqcommand{ }{\long}
616 \eqcommand{ }{\looseness}
617 \eqcommand{ }{\lower}

```




```

618 \eqcommand{@ }{@makeother}
619 \eqcommand{@ }{@m}
620 \eqcommand{@ }{@M}
621 \eqcommand{@ }{@Mi}
622 \eqcommand{@ }{@Mii}
623 \eqcommand{@ }{@Miii}
624 \eqcommand{@ }{@Miv}
625 \eqcommand{@ }{@MM}
626 \eqcommand{@ }{@mOne}
627 \eqcommand{@ }{@mag}
628 \eqcommand{@ }{@magstep}
629 \eqcommand{@ }{@magstephalf}
630 \eqcommand{@ }{@mainmatter}
631 \eqcommand{@ }{@makeatletter}
632 \eqcommand{@ }{@makeatother}
633 \eqcommand{@ }{@makebox}
634 \eqcommand{@ }{@makeglossary}
635 \eqcommand{@ }{@makeindex}
636 \eqcommand{@ }{@makelabel}
637 \eqcommand{@ }{@makelabels}
638 \eqcommand{@ }{@MakeLowercase}
639 \eqcommand{@ }{@maketitle}
640 \eqcommand{@ }{@MakeUppercase}
641 \eqcommand{@ }{@marginpar}
642 \eqcommand{@ }{@marginparpush}
643 \eqcommand{@ }{@marginparsep}
644 \eqcommand{@ }{@marginparwidth}
645 \eqcommand{@ }{@mark}
646 \eqcommand{@ }{@markboth}
647 \eqcommand{@ }{@markright}
648 \eqcommand{@ }{@mathaccent}
649 \eqcommand{@ }{@mathchar}
650 \eqcommand{@ }{@mathchardef}
651 \eqcommand{@ }{@mathcode}
652 \eqcommand{@ }{@mathrm}
653 \eqcommand{@ }{@maxdeadcycles}
654 \eqcommand{@ }{@maxdepth}
655 \eqcommand{@ }{@maxdimen}
656 \eqcommand{@ }{@mbox}
657 \eqcommand{@ }{@mdseries}
658 \eqcommand{@ }{@meaning}
659 \eqcommand{@ }{@mediumseries}
660 \eqcommand{@ }{@medmuskip}
661 \eqcommand{@ }{@medskip}
662 \eqcommand{@ }{@medskipamount}
663 \eqcommand{@ }{@medspace}
664 \eqcommand{@ }{@message}
665 \eqcommand{@ }{@MessageBreak}
666 \eqcommand{@ }{@minrowclearance}
667 \eqcommand{@ }{@mkern}

```



```

668 \eqcommand{ }{month}
669 \eqcommand{ }{moveleft}
670 \eqcommand{ }{moveright}
671 \eqcommand{ }{mskip}
672 \eqcommand{ @ }{m@th}
673 \eqcommand{ }{multicolumn}
674 \eqcommand{ }{multiply}
675 \eqcommand{ }{multispan}
676 \eqcommand{ }{muskip}
677 \eqcommand{ }{muskipdef}
678 \eqcommand{@ }{@namedef}
679 \eqcommand{@ }{@nameuse}
680 \eqcommand{ @ }{@ne}
681 \eqcommand{ }{name}
682 \eqcommand{ }{natural}
683 \eqcommand{ }{nearrow}
684 \eqcommand{ }{nearrower}
685 \eqcommand{ }{NeedsTeXFormat}
686 \eqcommand{ }{neg}
687 \eqcommand{ }{negmedspace}
688 \eqcommand{ }{negthickspace}
689 \eqcommand{ }{negthinspace}
690 \eqcommand{ }{newboolean}
691 \eqcommand{ }{newbox}
692 \eqcommand{ }{newcommand}
693 \eqcommand{ }{newcount}
694 \eqcommand{ }{newcounter}
695 \eqcommand{ }{newdimen}
696 \eqcommand{ }{newenvironment}
697 \eqcommand{ }{newfam}
698 \eqcommand{ }{newfont}
699 \eqcommand{ }{newhelp}
700 \eqcommand{ }{newinsert}
701 \eqcommand{ }{newlabel}
702 \eqcommand{ }{newlength}
703 \eqcommand{ }{newline}
704 \eqcommand{ }{newlinechar}
705 \eqcommand{ }{newmuskip}
706 \eqcommand{ }{newpage}
707 \eqcommand{ }{newread}
708 \eqcommand{ }{newsavebox}
709 \eqcommand{ }{newskip}
710 \eqcommand{ }{newtheorem}
711 \eqcommand{ }{newtoks}
712 \eqcommand{ }{newwrite}
713 \eqcommand{ }{noalign}
714 \eqcommand{ }{nobreak}
715 \eqcommand{ }{nobreakspace}
716 \eqcommand{ }{nocite}
717 \eqcommand{ }{noexpand}

```



```

718 \eqcommand{ }{nofiles}
719 \eqcommand{ }{noindent}
720 \eqcommand{ }{nointerlineskip}
721 \eqcommand{ }{nolimits}
722 \eqcommand{ }{nolinebreak}
723 \eqcommand{ }{nonstopmode}
724 \eqcommand{ }{nonfrenchspacing}
725 \eqcommand{ }{nonumber}
726 \eqcommand{ }{nopagebreak}
727 \eqcommand{ }{normalbaselines}
728 \eqcommand{ }{normalbaselineskip}
729 \eqcommand{ }{normalcolor}
730 \eqcommand{ }{normalfont}
731 \eqcommand{ }{normallineskip}
732 \eqcommand{ }{normallineskiplimit}
733 \eqcommand{ }{normalmarginpar}
734 \eqcommand{ }{normalsize}
735 \eqcommand{ }{notag}
736 \eqcommand{ }{null}
737 \eqcommand{ }{nullfont}
738 \eqcommand{ }{number}
739 \eqcommand{ }{numberline}
740 \eqcommand{ }{numberwithin}
741 \eqcommand{ }{@evenfoot}
742 \eqcommand{ }{@evenhead}
743 \eqcommand{ }{@oddfoot}
744 \eqcommand{ }{@oddhead}
745 \eqcommand{ }{@outeqntrue}
746 \eqcommand{ }{@outeqnfalse}
747 \eqcommand{ }{obeylines}
748 \eqcommand{ }{obeyspaces}
749 \eqcommand{ }{oddsidemargin}
750 \eqcommand{ }{offinterlineskip}
751 \eqcommand{ }{omit}
752 \eqcommand{@ }{@onlypreamble}
753 \eqcommand{ }{onecolumn}
754 \eqcommand{ }{onlynotes}
755 \eqcommand{ }{onlyslides}
756 \eqcommand{ }{openin}
757 \eqcommand{ }{openout}
758 \eqcommand{ }{OptionNotUsed}
759 \eqcommand{ }{or}
760 \eqcommand{ }{outer}
761 \eqcommand{ }{output}
762 \eqcommand{ }{outputpenalty}
763 \eqcommand{ }{overfullrule}
764 \eqcommand{@ }{@preamblecmds}
765 \eqcommand{@ }{p@}
766 \eqcommand{ }{PackageError}
767 \eqcommand{ }{PackageInfo}

```



```

768 \eqcommand{ }{PackageWarning}
769 \eqcommand{ }{PackageWarningNoLine}
770 \eqcommand{ }{pagebreak}
771 \eqcommand{ }{pagecolor}
772 \eqcommand{ }{pagedepth}
773 \eqcommand{ }{pagefillllstretch}
774 \eqcommand{ }{pagefillstretch}
775 \eqcommand{ }{pagefilstretch}
776 \eqcommand{ }{pagegoal}
777 \eqcommand{ }{pagename}
778 \eqcommand{ }{pagenumbering}
779 \eqcommand{ }{pageref}
780 \eqcommand{ }{pagerulewidth}
781 \eqcommand{ }{pageshrink}
782 \eqcommand{ }{pagestretch}
783 \eqcommand{ }{pagestyle}
784 \eqcommand{ }{pagetotal}
785 \eqcommand{ }{paperheight}
786 \eqcommand{ }{paperwidth}
787 \bidi@csdefcs{ }{par}% this is an exception since \par is redefined only in some circumstances
788 \eqcommand{ }{paragraph}
789 \eqcommand{ }{parallel}
790 \eqcommand{ }{parbox}
791 \eqcommand{ }{parfillskip}
792 \eqcommand{ }{parindent}
793 \eqcommand{ }{parsep}
794 \eqcommand{ }{parshape}
795 \eqcommand{ }{parskip}
796 \eqcommand{ }{part}
797 \eqcommand{ }{partname}
798 \eqcommand{ }{partopsep}
799 \eqcommand{ }{PassOptionToClass}
800 \eqcommand{ }{PassOptionToPackage}
801 \eqcommand{ }{path}
802 \eqcommand{ }{patterns}
803 \eqcommand{ }{pausing}
804 \eqcommand{ }{penalty}
805 \eqcommand{ }{phantom}
806 \eqcommand{ }{poptabs}
807 \eqcommand{ }{postdisplaypenalty}
808 \eqcommand{ }{predisplaydirection}
809 \eqcommand{ }{predisdisplaypenalty}
810 \eqcommand{ }{predisplaysize}
811 \eqcommand{ }{pretolerance}
812 \eqcommand{ }{prevdepth}
813 \eqcommand{ }{prevgraf}
814 \eqcommand{ }{printindex}
815 \eqcommand{ }{ProcessOptions}
816 \eqcommand{ }{protect}
817 \eqcommand{ }{providecommand}

```



```

818 \eqcommand{      }\{ProvidesClass\}
819 \eqcommand{      }\{ProvidesFile\}
820 \eqcommand{      }\{ProvidesPackage\}
821 \eqcommand{      }\{pushtabs\}
822 \eqcommand{      }\{quad\}
823 \eqcommand{      }\{qqquad\}
824 \eqcommand{@      }\{@outputpagerestore\}
825 \eqcommand{      }\{radical\}
826 \eqcommand{      }\{raggedbottom\}
827 \eqcommand{      }\{raggedleft\}
828 \eqcommand{      }\{raggedright\}
829 \eqcommand{      }\{raise\}
830 \eqcommand{      }\{raisebox\}
831 \eqcommand{      }\{raisetag\}
832 \eqcommand{      }\{rangle\}
833 \eqcommand{      }\{rceil\}
834 \eqcommand{      }\{read\}
835 \eqcommand{      }\{ref\}
836 \eqcommand{      }\{reflectbox\}
837 \eqcommand{      }\{refname\}
838 \eqcommand{      }\{refstepcounter\}
839 \eqcommand{      }\{relax\}
840 \eqcommand{      }\{removelastskip\}
841 \eqcommand{      }\{renewcommand\}
842 \eqcommand{      }\{renewenvironment\}
843 \eqcommand{      }\{RequirePackage\}
844 \eqcommand{      }\{RequirePackageWithOptions\}
845 \eqcommand{      }\{resizebox\}
846 \eqcommand{      }\{reversemarginpar\}
847 \eqcommand{      }\{rfloor\}
848 \eqcommand{      }\{right\}
849 \eqcommand{      }\{rightmargin\}
850 \eqcommand{      }\{rightmark\}
851 \eqcommand{      }\{rightpageskip\}
852 \eqcommand{      }\{rightskip\}
853 \eqcommand{      }\{rmdefault\}
854 \eqcommand{      }\{rmfamily\}
855 \eqcommand{      }\{Roman\}
856 \eqcommand{      }\{roman\}
857 \eqcommand{      }\{romannumeral\}
858 \eqcommand{      }\{rotatebox\}
859 \eqcommand{      }\{rowcolor\}
860 \eqcommand{      }\{rule\}
861 \eqcommand{@      }\{@secondoftwo\}
862 \eqcommand{@      }\{@spaces\}
863 \eqcommand{      }\{samepage\}
864 \eqcommand{      }\{savebox\}
865 \eqcommand{      }\{sbox\}
866 \eqcommand{      }\{scalebox\}
867 \eqcommand{      }\{scdefault\}

```



```

868 \eqcommand{ }{scshape}
869 \eqcommand{ }{setkeys}
870 \eqcommand{ }{scriptfont}
871 \eqcommand{ }{scriptscriptfont}
872 \eqcommand{ }{scriptscriptstyle}
873 \eqcommand{ }{scriptsize}
874 \eqcommand{ }{scripstyle}
875 \eqcommand{ }{scrollmode}
876 \eqcommand{ }{section}
877 \eqcommand{ }{secdef}
878 \eqcommand{ }{see}
879 \eqcommand{ }{seealso}
880 \eqcommand{ }{seename}
881 \eqcommand{ }{selectfont}
882 \eqcommand{ }{setboolean}
883 \eqcommand{ }{setbox}
884 \eqcommand{ }{setcounter}
885 \eqcommand{ }{setlength}
886 \eqcommand{ }{setminus}
887 \eqcommand{ }{SetSymbolFont}
888 \eqcommand{ }{settodepth}
889 \eqcommand{ }{settoheight}
890 \eqcommand{ }{settowidth}
891 \eqcommand{ }{sfcode}
892 \eqcommand{ }{sfdefault}
893 \eqcommand{ }{sffamily}
894 \eqcommand{ }{shadowbox}
895 \eqcommand{ }{sharp}
896 \eqcommand{ }{shipout}
897 \eqcommand{ }{shortstack}
898 \eqcommand{ }{show}
899 \eqcommand{ }{showbox}
900 \eqcommand{ }{showboxbreadth}
901 \eqcommand{ }{showboxdepth}
902 \eqcommand{ }{showlists}
903 \eqcommand{ }{showthe}
904 \eqcommand{ }{simplefontmode}
905 \eqcommand{ @}{sist@n}
906 \eqcommand{ }{skewchar}
907 \eqcommand{ }{skip}
908 \eqcommand{ @}{skip@}
909 \eqcommand{ }{skipdef}
910 \eqcommand{ }{sl}
911 \eqcommand{ }{sldefault}
912 \eqcommand{ }{slshape}
913 \eqcommand{ }{sloppy}
914 \eqcommand{ }{slshape}
915 \eqcommand{ }{small}
916 \eqcommand{ }{smallskip}
917 \eqcommand{ }{smallskipamount}

```



```

918 \eqcommand{ }{smash}
919 \eqcommand{ }{smile}
920 \eqcommand{ }{snglftntlocatecode}
921 \eqcommand{ }{space}
922 \eqcommand{ }{spacefactor}
923 \eqcommand{ }{spaceskip}
924 \eqcommand{ }{spadesuit}
925 \eqcommand{ }{span}
926 \eqcommand{ }{special}
927 \eqcommand{ }{splitmaxdepth}
928 \eqcommand{ }{splittopskip}
929 \eqcommand{ }{star}
930 \eqcommand{ }{stepcounter}
931 \eqcommand{ }{stretch}
932 \eqcommand{ }{string}
933 \eqcommand{ }{strut}
934 \eqcommand{ }{strutbox}
935 \eqcommand{ }{subitem}
936 \eqcommand{ }{subparagraph}
937 \eqcommand{ }{subsection}
938 \eqcommand{ }{substack}
939 \eqcommand{ }{subsubitem}
940 \eqcommand{ }{subsubsection}
941 \eqcommand{ }{subset}
942 \eqcommand{ }{subseteq}
943 \eqcommand{ }{supereject}
944 \eqcommand{ }{suppressfloats}
945 \eqcommand{@ }{@tempa}
946 \eqcommand{@ }{@tempb}
947 \eqcommand{@ }{@tempc}
948 \eqcommand{@ }{@tempd}
949 \eqcommand{@ }{@tempe}
950 \eqcommand{@ }{@tempboxa}
951 \eqcommand{@ }{@tempcnta}
952 \eqcommand{@ }{@tempcntb}
953 \eqcommand{@ }{@tempdima}
954 \eqcommand{@ }{@tempdimb}
955 \eqcommand{@ }{@tempdimc}
956 \eqcommand{@ }{@tempskipa}
957 \eqcommand{@ }{@tempskipb}
958 \eqcommand{@ }{@tempswafalse}
959 \eqcommand{@ }{@tempwattrue}
960 \eqcommand{@ }{@temptokena}
961 \eqcommand{ }{@thefnmark}
962 \eqcommand{@ }{@thirdofthree}
963 \eqcommand{ }{tabbingsep}
964 \eqcommand{ }{tabcolsep}
965 \eqcommand{ }{tableofcontents}
966 \eqcommand{ }{tablename}
967 \eqcommand{ }{tabskip}

```



```

968 \eqcommand{      }{tabularnewline}
969 \eqcommand{      }{tag}
970 \eqcommand{      }{telephone}
971 \eqcommand{      }{TeX}
972 \eqcommand{      }{text}
973 \eqcommand{      }{textbullet}
974 \eqcommand{      }{textfont}
975 \eqcommand{      }{textemdash}
976 \eqcommand{      }{textendash}
977 \eqcommand{      }{texttexclamdown}
978 \eqcommand{      }{textperiodcentered}
979 \eqcommand{      }{textquestiondown}
980 \eqcommand{      }{textquotedblleft}
981 \eqcommand{      }{textquotedblright}
982 \eqcommand{      }{textquoteleft}
983 \eqcommand{      }{textquoteright}
984 \eqcommand{      }{textvisiblespace}
985 \eqcommand{      }{textbackslash}
986 \eqcommand{      }{textbar}
987 \eqcommand{      }{textgreater}
988 \eqcommand{      }{textless}
989 \eqcommand{      }{textbf}
990 \eqcommand{      }{textcircled}
991 \eqcommand{      }{textcolor}
992 \eqcommand{      }{textcompwordmark}
993 \eqcommand{      }{textfloatsep}
994 \eqcommand{      }{textfraction}
995 \eqcommand{      }{textheight}
996 \eqcommand{      }{textindent}
997 \eqcommand{      }{textit}
998 \eqcommand{      }{textmd}
999 \eqcommand{      }{textnormal}
1000 \eqcommand{      }{textregistered}
1001 \eqcommand{      }{textrm}
1002 \eqcommand{      }{textsc}
1003 \eqcommand{      }{textsf}
1004 \eqcommand{      }{textsl}
1005 \eqcommand{      }{textstyle}
1006 \eqcommand{      }{textsuperscript}
1007 \eqcommand{      }{texttrademark}
1008 \eqcommand{      }{texttt}
1009 \eqcommand{      }{textup}
1010 \eqcommand{      }{textwidth}
1011 \eqcommand{      }{thanks}
1012 \eqcommand{      }{the}
1013 \eqcommand{      }{thempfn}
1014 \eqcommand{      }{thicklines}
1015 \eqcommand{      }{thickmuskip}
1016 \eqcommand{      }{thinmuskip}
1017 \eqcommand{      }{thickspace}

```




```

1018 \eqcommand{ }{thinlines}
1019 \eqcommand{ }{thinspace}
1020 \eqcommand{ }{thisfancypage}
1021 \eqcommand{ }{thispagestyle}
1022 \eqcommand{ @}{thr@@}
1023 \eqcommand{ }{tilde}
1024 \eqcommand{ }{tiny}
1025 \eqcommand{ }{time}
1026 \eqcommand{ }{times}
1027 \eqcommand{ }{title}
1028 \eqcommand{ }{to}
1029 \eqcommand{ }{today}
1030 \eqcommand{ }{toks}
1031 \eqcommand{ }{toksdef}
1032 \eqcommand{ }{tolerance}
1033 \eqcommand{ }{top}
1034 \eqcommand{ }{topfigrule}
1035 \eqcommand{ }{topfraction}
1036 \eqcommand{ }{topmargin}
1037 \eqcommand{ }{topmark}
1038 \eqcommand{ }{toppageskip}
1039 \eqcommand{ }{topsep}
1040 \eqcommand{ }{topskip}
1041 \eqcommand{ }{totalheight}
1042 \eqcommand{ }{tracingall}
1043 \eqcommand{ }{tracingcommands}
1044 \eqcommand{ }{tracinglostchars}
1045 \eqcommand{ }{tracingmacros}
1046 \eqcommand{ }{tracingonline}
1047 \eqcommand{ }{tracingoutput}
1048 \eqcommand{ }{tracingpages}
1049 \eqcommand{ }{tracingparagraphs}
1050 \eqcommand{ }{tracingrestores}
1051 \eqcommand{ }{tracingstats}
1052 \eqcommand{ }{triangle}
1053 \eqcommand{ }{ttdefault}
1054 \eqcommand{ }{ttfamily}
1055 \eqcommand{ @}{tw@}
1056 \eqcommand{ }{twocolumn}
1057 \eqcommand{ }{typein}
1058 \eqcommand{ }{typeout}
1059 \eqcommand{ }{uccode}
1060 \eqcommand{ }{uchyph}
1061 \eqcommand{ }{underline}
1062 \eqcommand{ }{unhbox}
1063 \eqcommand{ }{unhcopy}
1064 \eqcommand{ }{unitlength}
1065 \eqcommand{ }{unkern}
1066 \eqcommand{ }{unpenalty}
1067 \eqcommand{ }{unskip}

```



```

1068 \eqcommand{ }{unvbox}
1069 \eqcommand{ }{unvcopy}
1070 \eqcommand{ }{updefault}
1071 \eqcommand{ }{upshape}
1072 \eqcommand{ }{usebox}
1073 \eqcommand{ }{usecounter}
1074 \eqcommand{ }{usefont}
1075 \eqcommand{ }{usepackage}
1076 \eqcommand{@ }{@vobeyspaces}
1077 \eqcommand{@ }{@void}
1078 \eqcommand{ }{vadjust}
1079 \eqcommand{ }{valign}
1080 \eqcommand{ }{value}
1081 \eqcommand{ }{vbadness}
1082 \eqcommand{ }{vbox}
1083 \eqcommand{ }{vcenter}
1084 \eqcommand{ }{verb}
1085 \eqcommand{ }{vfil}
1086 \eqcommand{ }{vfill}
1087 \eqcommand{ }{vfilneg}
1088 \eqcommand{ }{vfuzz}
1089 \eqcommand{ }{visible}
1090 \eqcommand{ }{vline}
1091 \eqcommand{ }{voffset}
1092 \eqcommand{@ }{@voidb@x}
1093 \eqcommand{ }{vpageref}
1094 \eqcommand{ }{vrboxsep}
1095 \eqcommand{ }{vref}
1096 \eqcommand{ }{vrule}
1097 \eqcommand{ }{vsize}
1098 \eqcommand{ }{vskip}
1099 \eqcommand{ }{vspace}
1100 \eqcommand{ }{vsplit}
1101 \eqcommand{ }{vss}
1102 \eqcommand{ }{vtop}
1103 \eqcommand{ }{wd}
1104 \eqcommand{ }{whiledo}
1105 \eqcommand{ }{widehat}
1106 \eqcommand{ }{widetilde}
1107 \eqcommand{ }{widowpenalty}
1108 \eqcommand{ }{width}
1109 \eqcommand{ }{wlog}
1110 \eqcommand{ }{write}
1111 \eqcommand{@ }{@xobeysp}
1112 \eqcommand{@ }{@xxxii}
1113 \eqcommand{ }{xdef}
1114 \eqcommand{ }{xleaders}
1115 \eqcommand{ }{xspaceskip}
1116 \eqcommand{ }{year}
1117 \eqcommand{@ }{@z@}

```



```
1118 \eqcommand{@ }{z@skip}
```

19 File color-localise-xepersian.def

```
1119 color} \-localise-xepersian.def}[2011/03/01 v0.1 localising color package]
1120 0}{rgb}{ } \0,,0}
1121 1}{rgb}{ } \1,,1}
1122 1}{rgb}{ } \0,,0}
1123 0}{rgb}{ } \1,,0}
1124 0}{rgb}{ } \0,,1}
1125 1}{cmyk}{ } \0,,0,0}
1126 0}{cmyk}{ } \1,,0,0}
1127 0}{cmyk}{ } \0,,1,0}
```

20 File xepersian-localise-commands-xepersian.def

```
1128 \ProvidesFile{xepersian-localise-commands-xepersian.def}[2012/07/25 v0.2 Persian localisation]
1129 \eqcommand{ }{autofootnoterule}
1130 \eqcommand{ }{AutoMathsDigits}
1131 \eqcommand{ }{DefaultMathsDigits}
1132 \eqcommand{@ }{keyval@eq@alias@key}
1133 \eqcommand{ }{deflatinfont}
1134 \eqcommand{ }{defpersianfont}
1135 \eqcommand{ }{hboxL}
1136 \eqcommand{ }{hboxR}
1137 \eqcommand{ }{Latincite}
1138 \eqcommand{ }{latinfont}
1139 \eqcommand{ }{latintoday}
1140 \eqcommand{ }{leftfootnoterule}
1141 \eqcommand{ }{lr}
1142 \eqcommand{ }{LRE}
1143 \eqcommand{ }{LTRdblcol}
1144 \eqcommand{ }{LTRfootnote}
1145 \eqcommand{ }{LTRfootnotetext}
1146 \eqcommand{ }{LTRthanks}
1147 \eqcommand{ }{persianday}
1148 \eqcommand{ }{persianfont}
1149 \eqcommand{ }{PersianMathsDigits}
1150 \eqcommand{ }{persianmonth}
1151 \eqcommand{ }{persianyear}
1152 \eqcommand{ }{plq}
1153 \eqcommand{ }{prq}
1154 \eqcommand{ }{rightfootnoterule}
1155 \eqcommand{ }{rl}
1156 \eqcommand{ }{RLE}
1157 \eqcommand{ }{RTLdblcol}
1158 \eqcommand{ }{RTLfootnote}
1159 \eqcommand{ }{RTLfootnotetext}
1160 \eqcommand{ }{RTLthanks}
1161 \eqcommand{@ }{@SepMark}
```



```

1162 \eqcommand{      }{\SepMark}
1163 \eqcommand{      }{\setdefaultbibitems}
1164 \eqcommand{      }{\setdefaultmarginpar}
1165 \eqcommand{      }{\setmathdigitfont}
1166 \eqcommand{      }{\setfootnoteLR}
1167 \eqcommand{      }{\setfootnoteRL}
1168 \eqcommand{      }{\setlatintextfont}
1169 \eqcommand{      }{\setLTR}
1170 \eqcommand{      }{\setLTRbibitems}
1171 \eqcommand{      }{\setLTRmarginpar}
1172 \eqcommand{      }{\setRTL}
1173 \eqcommand{      }{\setRTLbibitems}
1174 \eqcommand{      }{\setRTLmarginpar}
1175 \eqcommand{      }{\settextfont}
1176 \eqcommand{      }{\textwidthfootnoterule}
1177 \eqcommand{      }{\twocolumnstableofcontents}
1178 \eqcommand{      }{\unsetfootnoteRL}
1179 \eqcommand{      }{\unsetLTR}
1180 \eqcommand{      }{\unsetRTL}
1181 \eqcommand{      }{\vboxL}
1182 \eqcommand{      }{\vboxR}
1183 \eqcommand{      }{\XeLaTeX}
1184 \eqcommand{      }{\XePersian}
1185 \eqcommand{      }{\xepersianversion}
1186 \eqcommand{      }{\xepersiandate}
1187 \eqcommand{      }{\XeTeX}

```

21 File enumerate-xepersian.def

```

1188 \ProvidesFile{enumerate-xepersian.def}[2010/07/25 v0.1 adaptations for enumerate package]
1189 \def\@enloop@{%
1190   \ifx entemp@ \def\@tempa{\@enLabel\harfi } \else
1191   \ifx entemp@ \def\@tempa{\@enLabel\adadi } \else
1192   \ifx entemp@ \def\@tempa{\@enLabel\tartibi } \else
1193   \ifx A\@entemp \def\@tempa{\@enLabel\Alpha } \else
1194   \ifx a\@entemp \def\@tempa{\@enLabel\alpha } \else
1195   \ifx i\@entemp \def\@tempa{\@enLabel\roman } \else
1196   \ifx I\@entemp \def\@tempa{\@enLabel\Roman } \else
1197   \ifx 1\@entemp \def\@tempa{\@enLabel\arabic} \else
1198   \ifx \@sptoken\@entemp \let\@tempa\@enSpace \else
1199   \ifx \bgroup\@entemp \let\@tempa\@enGroup \else
1200   \ifx \@enum@\@entemp \let\@tempa\@gobble \else
1201   \let\@tempa\@enOther
1202   \@enhook
1203   \fi\fi\fi\fi\fi\fi\fi\fi\fi\fi
1204   \@tempa}

```

22 File enumitem-xepersian.def

```

1205 \ProvidesFile{enumitem-xepersian.def}[2017/09/06 v0.1 adaptations for enumitem package]

```



```

1206 \AddEnumerateCounter*\tartibi\@tartibi{999999999}
1207 \AddEnumerateCounter*\adadi\@adadi{999999999}
1208 \AddEnumerateCounter*\harfi\@harfi{ }
1209 \AddEnumerateCounter*\Abjad\@Abjad{ }
1210 \AddEnumerateCounter*\abjad\@abjad{ }
1211 \SetEnumerateShortLabel{ }\@tartibi*}
1212 \SetEnumerateShortLabel{ }\@adadi*}
1213 \SetEnumerateShortLabel{ }\@harfi*}
1214 \SetEnumerateShortLabel{ }\@Abjad*}
1215 \SetEnumerateShortLabel{ }\@abjad*}

```

23 File latex-localise-environments-xepersian.def

```

1216 \ProvidesFile{latex-localise-environments-xepersian.def}[2010/07/25 v0.2 Persian localisation]
1217 \eqenvironment{ }\@abstract}
1218 \eqenvironment{ }\@appendix}
1219 \eqenvironment{ }\@array}
1220 \eqenvironment{ }\@center}
1221 \eqenvironment{ }\@description}
1222 \eqenvironment{ }\@displaymath}
1223 \eqenvironment{ }\@document}
1224 \eqenvironment{ }\@enumerate}
1225 \eqenvironment{ }\@figure}
1226 \eqenvironment{ *}\@figure*}
1227 \eqenvironment{ }\@filecontents}
1228 \eqenvironment{ *}\@filecontents*}
1229 \eqenvironment{ }\@flushleft}
1230 \eqenvironment{ }\@flushright}
1231 \eqenvironment{ }\@itemize}
1232 \eqenvironment{ }\@letter}
1233 \eqenvironment{ }\@list}
1234 \eqenvironment{ }\@longtable}
1235 \eqenvironment{ }\@lrbox}
1236 \eqenvironment{ }\@math}
1237 \eqenvironment{ }\@matrix}
1238 \eqenvironment{ }\@minipage}
1239 \eqenvironment{ }\@multline}
1240 \eqenvironment{ }\@note}
1241 \eqenvironment{ }\@overlay}
1242 \eqenvironment{ }\@picture}
1243 \eqenvironment{ }\@quotation}
1244 \eqenvironment{ }\@quote}
1245 \eqenvironment{ }\@slide}
1246 \eqenvironment{ }\@sloppypar}
1247 \eqenvironment{ }\@split}
1248 \eqenvironment{ }\@subarray}
1249 \eqenvironment{ }\@tabbing}
1250 \eqenvironment{ }\@table}
1251 \eqenvironment{ *}\@table*}
1252 \eqenvironment{ }\@tabular}

```



```

1253 \eqenvironment{ *}{tabular*}
1254 \eqenvironment{ }{thebibliography}
1255 \eqenvironment{ }{theindex}
1256 \eqenvironment{ }{titlepage}
1257 \eqenvironment{ }{trivlist}
1258 \eqenvironment{ }{verse}

```

24 File xepersian-localise-environments-xepersian.def

```

1259 \ProvidesFile{xepersian-localise-environments-xepersian.def}[2010/07/25 v0.1 Persian localisation]
1260 \eqenvironment{ }{latin}
1261 \eqenvironment{ }{LTR}
1262 \eqenvironment{ }{LTRitems}
1263 \eqenvironment{ }{modernpoem}
1264 \eqenvironment{ *}{modernpoem*}
1265 \eqenvironment{ }{persian}
1266 \eqenvironment{ }{RTL}
1267 \eqenvironment{ }{RTLitems}
1268 \eqenvironment{ }{traditionalpoem}
1269 \eqenvironment{ *}{traditionalpoem*}

```

25 File extarticle-xepersian.def

```

1270 \ProvidesFile{extarticle-xepersian.def}[2010/07/25 v0.1 adaptations for extarticle class]
1271 \renewcommand\thepart {\@tartibi\c@part}
1272 \renewcommand\appendix{\par
1273 \setcounter{section}{0}%
1274 \setcounter{subsection}{0}%
1275 \gdef\thesection{\@harfi\c@section}}

```

26 File extbook-xepersian.def

```

1276 \ProvidesFile{extbook-xepersian.def}[2010/07/25 v0.1 adaptations for extbook class]
1277 \renewcommand\frontmatter{%
1278 \cleardoublepage
1279 \@mainmatterfalse
1280 \pagenumbering{harfi}}
1281 \renewcommand \thepart {\@tartibi\c@part}
1282 \renewcommand\appendix{\par
1283 \setcounter{chapter}{0}%
1284 \setcounter{section}{0}%
1285 \gdef\@chapapp{\appendixname}%
1286 \gdef\thechapter{\@harfi\c@chapter}
1287 }%end appendix

```

27 File extrafootnotefeatures-xepersian.def

```

1288 \ProvidesFile{extrafootnotefeatures-xepersian.def}[2012/01/01 v0.2 footnote macros for extrafootnote]
1289 \renewcommand{\foottextfont}{\footnotesize\if@RTL@footnote\else\resetlatinfont\fi}
1290 \renewcommand{\LTRfoottextfont}{\footnotesize\resetlatinfont}

```



```
1291 \renewcommand{\RTLfoottextfont}{\footnotesize\setpersianfont}
```

28 File extreport-xepersian.def

```
1292 \ProvidesFile{extreport-xepersian.def}[2010/07/25 v0.1 adaptations for extreport class]
1293 \renewcommand\thepart      {\@tartibi\c@part}
1294 \renewcommand\appendix{\par
1295   \setcounter{chapter}{0}%
1296   \setcounter{section}{0}%
1297   \gdef\@chapapp{\appendixname}%
1298   \gdef\thechapter{\@harfi\c@chapter}}
```

29 File fancyref-xepersian.def

```
1299 \ProvidesFile{fancyref-xepersian.def}[2018/09/29 v0.1 bilingual captions for fancyref package]
1300 \renewcommand*\Frefchapname{\chaptername}
1301 \renewcommand*\Frefenumname{%
1302   \if@RTL
1303   %
1304   \else
1305     Item%
1306   \fi
1307 }
1308 \renewcommand*\Frefeqname{%
1309   \if@RTL
1310   %
1311   \else
1312     Equation%
1313   \fi
1314 }
1315 \renewcommand*\Freffigname{\figurename}
1316 \renewcommand*\Freffnname{%
1317   \if@RTL
1318   %
1319   \else
1320     Footnote%
1321   \fi
1322 }
1323 \renewcommand*\Frefonname{%
1324   \if@RTL
1325   %
1326   \else
1327     On%
1328   \fi
1329 }
1330 \renewcommand*\Frefpgname{\pagename}
1331 \renewcommand*\Frefsecname{%
1332   \if@RTL
1333   %
1334   \else
```



```

1335     Section%
1336   \fi
1337 }
1338 \renewcommand*{\Frefseenname}{%
1339   \if@RTL
1340 %
1341   \else
1342     See%
1343   \fi
1344 }
1345 \renewcommand*{\Freftablename}{\tablename}
1346 \renewcommand*{\Freffigshortname}{%
1347   \if@RTL
1348     \Freffigname
1349   \else
1350     Fig.%
1351   \fi
1352 }
1353 \renewcommand*{\Frefpgshortname}{%
1354   \if@RTL
1355     \Frefpgname
1356   \else
1357     P.%
1358   \fi
1359 }
1360 \renewcommand*{\Freftabshortname}{%
1361   \if@RTL
1362     \tablename
1363   \else
1364     Tab.%
1365   \fi
1366 }
1367 \renewcommand*{\frefchapname}{%
1368   \if@RTL
1369     \Frefchapname
1370   \else
1371     \MakeLowercase{\Frefchapname}%
1372   \fi
1373 }
1374 \renewcommand*{\frefenumname}{%
1375   \if@RTL
1376     \Frefenumname
1377   \else
1378     \MakeLowercase{\Frefenumname}%
1379   \fi
1380 }
1381 \renewcommand*{\frefeqname}{%
1382   \if@RTL
1383     \Frefeqname
1384   \else

```




```

1385     \MakeLowercase{\Frefeqname}%
1386     \fi
1387 }
1388 \renewcommand*{\freffigname}{%
1389     \if@RTL
1390         \Freffigname
1391     \else
1392         \MakeLowercase{\Freffigname}%
1393     \fi
1394 }
1395 \renewcommand*{\freffnname}{%
1396     \if@RTL
1397         \Freffnname
1398     \else
1399         \MakeLowercase{\Freffnname}%
1400     \fi
1401 }
1402 \renewcommand*{\frefonname}{%
1403     \if@RTL
1404         \Frefonname
1405     \else
1406         \MakeLowercase{\Frefonname}%
1407     \fi
1408 }
1409 \renewcommand*{\frefpgname}{%
1410     \if@RTL
1411         \Frefpgname
1412     \else
1413         \MakeLowercase{\Frefpgname}%
1414     \fi
1415 }
1416 \renewcommand*{\frefsecname}{%
1417     \if@RTL
1418         \Frefsecname
1419     \else
1420         \MakeLowercase{\Frefsecname}%
1421     \fi
1422 }
1423 \renewcommand*{\frefseename}{%
1424     \if@RTL
1425         \Frefseename
1426     \else
1427         \MakeLowercase{\Frefseename}%
1428     \fi
1429 }
1430 \renewcommand*{\frefstabname}{%
1431     \if@RTL
1432         \Frefstabname
1433     \else
1434         \MakeLowercase{\Frefstabname}%

```



```

1435 \fi
1436 }
1437 \renewcommand*{\freffigshortname}{%
1438 \if@RTL
1439 \Freffigshortname
1440 \else
1441 \MakeLowercase{\Freffigshortname}%
1442 \fi
1443 }
1444 \renewcommand*{\frefpgshortname}{%
1445 \if@RTL
1446 \Frefpgshortname
1447 \else
1448 \MakeLowercase{\Frefpgshortname}%
1449 \fi
1450 }
1451 \renewcommand*{\freftabshortname}{%
1452 \if@RTL
1453 \Freftabshortname
1454 \else
1455 \MakeLowercase{\Freftabshortname}%
1456 \fi
1457 }

```

30 File fontspec-xepersian.def

```

1458 \ProvidesFile{fontspec-xepersian.def}[2020-01-31 v0.4 fontspec changes]
1459 \ExplSyntaxOn
1460 \cs_new:Npn \__xepersian_error:nx { \msg_error:nnx {xepersian} }
1461 \char_set_catcode_space:n {32}
1462 \cs_new:Nn \__xepersian_msg_new:nnnn
1463 { \msg_new:nnxx {#1} {#2} { \tl_trim_spaces:n {#3} } { \tl_trim_spaces:n {#4} } }
1464 \__xepersian_msg_new:nnnn {xepersian} {font-cannot-be-loaded}
1465 {
1466 The font "#1" cannot be loaded by the xepersian package.
1467 }
1468 {
1469 Select another font and rerun xelatex.
1470 }
1471 \char_set_catcode_ignore:n {32}
1472 \prg_new_conditional:Nnn \__xepersian_font_if_cannot_be_loaded:Nn {p,TF,T,F}
1473 {
1474 \str_if_in:NnTF { #1 } { #2 }
1475 {
1476 \prg_return_true:
1477 }
1478 {
1479 \prg_return_false:
1480 }
1481 }

```



```

1482 \cs_undefine:N \__fontspec_load_font:
1483 \cs_new:Nn \__fontspec_load_font:
1484 {
1485
1486   \__fontspec_primitive_font_set:NnnF \l__fontspec_test_font
1487   { \__fontspec_construct_font_call:nn { \l__fontspec_fontname_up_tl } {} }
1488   { \f@size pt - 2sp }
1489   { \__fontspec_error:nx {font-not-found} {\l__fontspec_fontname_up_tl} }
1490 \__xepersian_font_if_cannot_be_loaded:NnT \l__fontspec_fontname_up_tl { HM }
1491 {
1492   \__xepersian_error:nx {font-cannot-be-loaded} {\l__fontspec_fontname_up_tl}
1493 \cs_gset_eq:NN \l__fontspec_fontname_up_tl \tex_nullfont:D
1494 }
1495 \__fontspec_set_font_type:N \l__fontspec_test_font
1496 \__fontspec_primitive_font_gset:0nn \l__fontspec_fontface_cs_tl
1497 { \__fontspec_construct_font_call:nn { \l__fontspec_fontname_up_tl } {} }
1498 { \f@size pt }
1499
1500 \l__fontspec_fontface_cs_tl % this is necessary for LuaLaTeX to check the scripts properly
1501
1502 }
1503 \cs_undefine:N \__fontspec_load_fontname:Nn
1504 \cs_new:Nn \__fontspec_load_fontname:Nn
1505 {
1506   \__fontspec_load_external_fontoptions:Nn #1 {#2}
1507   \prop_get:NVNF \g__fontspec_fontopts_prop #1 \l__fontspec_fontopts_clist
1508   { \clist_clear:N \l__fontspec_fontopts_clist }
1509   \keys_set_groups:nnV {fontspec/fontname} {getfontname} \l__fontspec_fontopts_clist
1510   \__fontspec_primitive_font_set:0nnF \l__fontspec_fontface_cs_tl
1511   { \__fontspec_construct_font_call:nn {#1} {} } { \f@size pt }
1512   { \__fontspec_error:nx {font-not-found} {#2} }
1513   \__xepersian_font_if_cannot_be_loaded:NnT #2 { HM }
1514   {
1515     \__xepersian_error:nx {font-cannot-be-loaded} {#2}
1516     \cs_gset_eq:NN \l__fontspec_font \tex_nullfont:D
1517   }
1518 }
1519 \ExplSyntaxOff

```

31 File footnote-xepersian.def

```

1520 \ProvidesFile{footnote-xepersian.def}[2017/08/09 v0.6 footnote macros for xepersian package]
1521
1522 \renewcommand*{\bidi@footnotetext@font}{\footnotesize\if@RTL@footnote\else\resetlatinfont\fi}
1523
1524 \renewcommand*{\bidi@LTRfootnotetext@font}{\footnotesize\resetlatinfont}
1525
1526 \renewcommand*{\bidi@RTLfootnotetext@font}{\footnotesize\setpersianfont}
1527

```



32 File framed-xepersian.def

```
1528 \ProvidesFile{framed-xepersian.def}[2012/06/05 v0.1 xepersian adaptations for framed package]
1529 \renewenvironment{titled-frame}[1]{%
1530   \def\FrameCommand{\fboxsep8pt\fboxrule2pt
1531     \TitleBarFrame{\textbf{#1}}}%
1532   \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
1533     \TitleBarFrame[ $\if@RTL\blacktriangleleft\else\blacktriangleright\fi$ ]{\textbf{#1}}}%
1534   \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
1535     \TitleBarFrame[ $\if@RTL\blacktriangleleft\else\blacktriangleright\fi$ ]{\textbf{#1\ (if@RTL else\ cont\fi)}}}%
1536   \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
1537     \TitleBarFrame{\textbf{#1\ (if@RTL else\ cont\fi)}}}%
1538   \MakeFramed{\advance\hsize-20pt \FrameRestore}%
1539 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
1540 % could interfere with the width measurement.
1541 {\endMakeFramed}
```

33 File glossaries-xepersian.def

```
1542 \ProvidesFile{glossaries-xepersian.def}[2014/09/04 v0.4 xepersian adaptations for glossaries package]
1543 \glsaddprotectedpagefmt{@harfi}
1544 \glsaddprotectedpagefmt{@tartibi}
1545 \glsaddprotectedpagefmt{@adadi}
```

34 File hyperref-xepersian.def

```
1546 \ProvidesFile{hyperref-xepersian.def}[2015/02/02 v0.6 bilingual captions for hyperref package]
1547 \def\equationautorefname{\if@RTL else\ Equation\fi}%
1548 \def\footnoteautorefname{\if@RTL else\ footnote\fi}%
1549 \def\itemautorefname{\if@RTL else\ item\fi}%
1550 \def\figureautorefname{\if@RTL else\ Figure\fi}%
1551 \def\tableautorefname{\if@RTL else\ Table\fi}%
1552 \def\partautorefname{\if@RTL else\ Part\fi}%
1553 \def\appendixautorefname{\if@RTL else\ Appendix\fi}%
1554 \def\chapterautorefname{\if@RTL else\ chapter\fi}%
1555 \def\sectionautorefname{\if@RTL else\ section\fi}%
1556 \def\subsectionautorefname{\if@RTL else\ subsection\fi}%
1557 \def\subsubsectionautorefname{\if@RTL else\ subsubsection\fi}%
1558 \def\paragraphautorefname{\if@RTL else\ paragraph\fi}%
1559 \def\subparagraphautorefname{\if@RTL else\ subparagraph\fi}%
1560 \def\FancyVerbLineautorefname{\if@RTL else\ line\fi}%
1561 \def\theoremautorefname{\if@RTL else\ Theorem\fi}%
1562 \def\pageautorefname{\if@RTL else\ page\fi}%
1563 \AtBeginDocument{%
1564 \let\HyOrg@appendix\appendix
1565 \def\appendix{%
1566   \ltx@ifundefined{chapter}%
1567     {\gdef\theHsection{\Alph{section}}}%
1568     {\gdef\theHchapter{\Alph{chapter}}}%
1569   \xdef\Hy@chapapp{\Hy@appendixstring}%

```



```

1570 \HyOrg@appendix
1571 }
1572 }
1573 \pdfstringdefDisableCommands{%
1574 \let\lr\@firstofone
1575 \let\rl\@firstofone
1576 \def\XePersian{XePersian}
1577 }
1578 \ltx@ifundefined{@resets@pp}{%
1579 }{%
1580 \let\HyOrg@resets@pp\@resets@pp
1581 \def\@resets@pp{%
1582 \ltx@ifundefined{chapter}{%
1583 \gdef\theHsection{\Hy@AlphNoErr{section}}}%
1584 }{%
1585 \gdef\theHchapter{\Hy@AlphNoErr{chapter}}}%
1586 }%
1587 \xdef\Hy@chapapp{\Hy@appendixstring}%
1588 \HyOrg@resets@pp
1589 }%
1590 }

```

35 File `imsproc-xepersian.def`

```

1591 \ProvidesFile{imsproc-xepersian.def}[2017/06/09 v0.5 xepersian adaptations for imsproc class]
1592
1593 \renewcommand \thepart {\@tartibi\c@part}
1594 \def\appendix{\par\c@section\z@ \c@subsection\z@
1595 \let\sectionname\appendixname
1596 \def\thesection{\@harfi\c@section}}
1597

```

36 File `kashida-xepersian.def`

```

1598 \ProvidesFile{kashida-xepersian.def}[2018/01/04 v0.6 implementation of Kashida for xepersian]
1599 \chardef\xepersian@zwj="200D % zero-width joiner
1600 \chardef\xepersian@kashidachar="0640 % kashida
1601
1602 \chardef\xepersian@D=10 % dual-joiner class
1603 \chardef\xepersian@L=11 % lam
1604 \chardef\xepersian@R=12 % right-joiner
1605 \chardef\xepersian@A=13 % alef
1606 \chardef\xepersian@H=14 % heh
1607 \chardef\xepersian@V=4096 % vowel or other combining mark (to be ignored)
1608 \newif\if@Kashida@on
1609 \newif\if@Kashida@XB@fix
1610 \def\xepersian@kashida{\if@Kashida@on\xepersian@zwj\nobreak%
1611 \leaders\hrule height \XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@kashidachar dep
1612
1613 \def\setclass#1#2{\def\theclass{#1}\def\charlist{#2}%

```



```

1614 \expandafter\dosetclass\charlist,\end}
1615 \def\dosetclass#1,#2\end{%
1616 \def\test{#1}\def\charlist{#2}%
1617 \ifx\test\empty\let\next\finishsetclass
1618 \else \XeTeXcharclass "\test = \theclass
1619 \let\next\dosetclass \fi
1620 \expandafter\next\charlist,,\end}
1621 \def\finishsetclass#1,,\end{}
1622
1623 \setclass \xepersian@A {0622,0623,0625,0627}
1624 \setclass \xepersian@R {0624,0629,062F,0630,0631,0632,0648,0698}
1625 \setclass \xepersian@D {0626,0628,062A,062B,062C,062D,062E}
1626 \setclass \xepersian@D {0633,0634,0635,0636,0637,0638,0639,063A}
1627 %\setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0647,0649,064A}
1628 \setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0649,064A}
1629 \setclass \xepersian@H {0647}
1630 \setclass \xepersian@D {067E,0686,06A9,06AF,06CC}
1631 \setclass \xepersian@L {0644}
1632 \setclass \xepersian@V {064B,064C,064D,064E,064F,0650,0651,0652}
1633
1634 \XeTeXinterchartoks \xepersian@D \xepersian@D = {\xepersian@kashida}
1635 \XeTeXinterchartoks \xepersian@H \xepersian@D = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1636 \XeTeXinterchartoks \xepersian@D \xepersian@H = {\xepersian@kashida}
1637 \XeTeXinterchartoks \xepersian@L \xepersian@D = {\xepersian@kashida}
1638 \XeTeXinterchartoks \xepersian@D \xepersian@L = {\xepersian@kashida}
1639 \XeTeXinterchartoks \xepersian@L \xepersian@H = {\xepersian@kashida}
1640 \XeTeXinterchartoks \xepersian@H \xepersian@L = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1641 \XeTeXinterchartoks \xepersian@L \xepersian@L = {\xepersian@kashida}
1642 \XeTeXinterchartoks \xepersian@D \xepersian@R = {\xepersian@kashida}
1643 \XeTeXinterchartoks \xepersian@H \xepersian@R = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1644 \XeTeXinterchartoks \xepersian@D \xepersian@A = {\xepersian@kashida}
1645 \XeTeXinterchartoks \xepersian@H \xepersian@A = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1646 \XeTeXinterchartoks \xepersian@L \xepersian@R = {\xepersian@kashida}
1647 \XeTeXinterchartoks \xepersian@L \xepersian@A = {}
1648
1649 \newcommand{\KashidaOn}{\@Kashida@ontrue}
1650 \newcommand{\KashidaOff}{\@Kashida@onfalse}
1651
1652 \newcommand{\KashidaXBfixOn}{\@Kashida@XB@fixtrue}
1653 \newcommand{\KashidaXBfixOff}{\@Kashida@XB@fixfalse}
1654 \KashidaOn

```

37 File listings-xepersian.def

```

1655 \ProvidesFile{listings-xepersian.def}[2014/07/17 v0.3 bilingual captions for listings package]
1656 \def\lstlistingname{\if@RTL else\ Listing\fi}
1657 \def\lstlistlistingname{\if@RTL else\ Listings\fi}

```

38 File loadingorder-xepersian.def



```

1658 \ProvidesFile{loadingorder-xepersian.def}[2018/09/29 v0.5 making sure that xepersian is the la
1659 \bidi@isloaded{algorithmic}
1660 \bidi@isloaded{algorithm}
1661 \bidi@isloaded{backref}
1662 \bidi@isloaded{enumerate}
1663 \bidi@isloaded{enumitem}
1664 \bidi@isloaded{fancyref}
1665 \bidi@isloaded{tocloft}
1666 \bidi@isloaded{url}
1667 \bidi@isloaded{varioref}
1668 \AtBeginDocument{
1669   \if@bidi@algorithmicloaded@ \else
1670     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithmic after xepersian}{}]
1671   \fi%
1672   \if@bidi@algorithmloaded@ \else
1673     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithm after xepersian}{}]
1674   \fi%
1675   \if@bidi@backrefloaded@ \else
1676     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package backref after xepersian}{}]
1677   \fi%
1678   \if@bidi@enumerateloaded@ \else
1679     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumerate after xepersian}{}]
1680   \fi%
1681   \if@bidi@enumitemloaded@ \else
1682     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumitem after xepersian}{}]
1683   \fi%
1684   \if@bidi@fancyrefloaded@ \else
1685     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package fancyref after xepersian}{}]
1686   \fi%
1687   \if@bidi@tocloftloaded@ \else
1688     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package tocloft after xepersian}{}]
1689   \fi%
1690   \if@bidi@urlloaded@ \else
1691     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package url after xepersian}{}]
1692   \fi%
1693   \if@bidi@variorefloaded@ \else
1694     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package varioref after xepersian}{}]
1695   \fi%
1696 }

```

39 File localise-xepersian.def

```

1697 \ProvidesFile{localise-xepersian.def}[2014/07/10 v0.2b Persian localisation of LaTeX2e]
1698 \newcommand{\makezwnjletter}{\catcode`=11\relax}
1699 \makezwnjletter
1700 \newcommand*{\eqcommand}[2]{\if@bidi@csprimitive{#2}{\bidi@csletcs{#1}{#2}}{\bidi@csdefcs{#1}{#2}}}
1701 \newcommand*{\eqenvironment}[2]{\newenvironment{#1}{\csname#2\endcsname}{\csname end#2\endcsname}}
1702 \@ifpackageloaded{keyval}{%
1703   \newcommand*{keyval@eq@alias@key}[4][KV]{%
1704     \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%

```



```

1705 \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1706 }{\@ifpackageloaded{xkeyval}{%
1707 \newcommand*\keyval@eq@alias@key[4][KV]{%
1708 \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1709 \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1710 }{}}
1711 \input{latex-localise-commands-xepersian.def}
1712 \input{xepersian-localise-commands-xepersian.def}
1713 \input{latex-localise-environments-xepersian.def}
1714 \input{xepersian-localise-environments-xepersian.def}
1715 \input{latex-localise-messages-xepersian.def}
1716 \input{latex-localise-misc-xepersian.def}
1717 \input{packages-localise-xepersian.def}
1718 \aliasfontfeature{ExternalLocation}{ }
1719 \aliasfontfeature{Path}{ }
1720 \aliasfontfeature{Renderer}{ }
1721 \aliasfontfeature{BoldFont}{ }
1722 \aliasfontfeature{Language}{ }
1723 \aliasfontfeature{Script}{ }
1724 \aliasfontfeature{UprightFont}{ }
1725 \aliasfontfeature{ItalicFont}{ }
1726 \aliasfontfeature{BoldItalicFont}{ }
1727 \aliasfontfeature{SlantedFont}{ }
1728 \aliasfontfeature{BoldSlantedFont}{ }
1729 \aliasfontfeature{SmallCapsFont}{ }
1730 \aliasfontfeature{UprightFeatures}{ }
1731 \aliasfontfeature{BoldFeatures}{ }
1732 \aliasfontfeature{ItalicFeatures}{ }
1733 \aliasfontfeature{BoldItalicFeatures}{ }
1734 \aliasfontfeature{SlantedFeatures}{ }
1735 \aliasfontfeature{BoldSlantedFeatures}{ }
1736 \aliasfontfeature{SmallCapsFeatures}{ }
1737 \aliasfontfeature{SizeFeatures}{ }
1738 \aliasfontfeature{Scale}{ }
1739 \aliasfontfeature{WordSpace}{ }
1740 \aliasfontfeature{PunctuationSpace}{ }
1741 \aliasfontfeature{FontAdjustment}{ }
1742 \aliasfontfeature{LetterSpace}{ }
1743 \aliasfontfeature{HyphenChar}{ }
1744 \aliasfontfeature{Color}{ }
1745 \aliasfontfeature{Opacity}{ }
1746 \aliasfontfeature{Mapping}{ }
1747 \aliasfontfeature{Weight}{ }
1748 \aliasfontfeature{Width}{ }
1749 \aliasfontfeature{OpticalSize}{ }
1750 \aliasfontfeature{FakeSlant}{ }
1751 \aliasfontfeature{FakeStretch}{ }
1752 \aliasfontfeature{FakeBold}{ }
1753 \aliasfontfeature{AutoFakeSlant}{ }
1754 \aliasfontfeature{AutoFakeBold}{ }

```




```

1755 \aliasfontfeature{Ligatures}{      }
1756 \aliasfontfeature{Alternate}{      }
1757 \aliasfontfeature{Variant}{      }
1758 \aliasfontfeature{Variant}{      }
1759 \aliasfontfeature{CharacterVariant}{      }
1760 \aliasfontfeature{Style}{      }
1761 \aliasfontfeature{Annotation}{      }
1762 \aliasfontfeature{RawFeature}{      }
1763 \aliasfontfeature{CharacterWidth}{      }
1764 \aliasfontfeature{Numbers}{      }
1765 \aliasfontfeature{Contextuals}{      }
1766 \aliasfontfeature{Diacritics}{      }
1767 \aliasfontfeature{Letters}{      }
1768 \aliasfontfeature{Kerning}{      }
1769 \aliasfontfeature{VerticalPosition}{      }
1770 \aliasfontfeature{Fractions}{      }
1771 \aliasfontfeatureoption{Language}{Default}{      }
1772 \aliasfontfeatureoption{Language}{Persian}{      }
1773 \aliasfontfeatureoption{Script}{Persian}{      }
1774 \aliasfontfeatureoption{Script}{Latin}{      }
1775 \aliasfontfeatureoption{Style}{MathScript}{      }
1776 \aliasfontfeatureoption{Style}{MathScriptScript}{      }

```

40 File memoir-xepersian.def

```

1777 \ProvidesFile{memoir-xepersian.def}[2010/07/25 v0.1 adaptations for memoir class]
1778 \renewcommand{\@memfront}{%
1779   \@smemfront\pagenumbering{harfi}}
1780 \renewcommand{\setthesection}{\thechapter\@SepMark\harfi{section}}
1781 \renewcommand*{\thebook}{\@tartibi\c@book}
1782 \renewcommand*{\thepart}{\@tartibi\c@part}
1783 \renewcommand{\appendix}{\par
1784   \setcounter{chapter}{0}%
1785   \setcounter{section}{0}%
1786   \gdef\@chapapp{\appendixname}%
1787   \gdef\thechapter{\@harfi\c@chapter}%
1788   \anappendixtrue}

```

41 File latex-localise-messages-xepersian.def

```

1789 latex} \-localise-messages-xepersian.def[2011/03/01 v0.1 localising LaTeX2e messages]

```

42 File minitoc-xepersian.def

```

1790 \ProvidesFile{minitoc-xepersian.def}[2010/07/25 v0.1 bilingual captions for minitoc package]
1791 \def\ptctitle{\if@RTL else\ Table of Contents\fi}%
1792 \def\plftitle{\if@RTL else\ List of Figures\fi}%
1793 \def\pltttitle{\if@RTL else\ List of Tables\fi}%
1794 \def\mtctitle{\if@RTL else\ Contents\fi}%
1795 \def\mlfttitle{\if@RTL else\ Figures\fi}%

```



```

1796 \def\mltttitle{\if@RTL else\    Tables\fi}%
1797 \def\stcttitle{\if@RTL else\    Contents\fi}%
1798 \def\slfttitle{\if@RTL else\    Figures\fi}%
1799 \def\sltttitle{\if@RTL else\    Tables\fi}%

```

43 File latex-localise-misc-xepersian.def

```

1800 \ProvidesFile{latex-localise-misc-xepersian.def}[2012/01/01 v0.2 miscellaneous Persian localis
1801 %}1# \ \
1802 \@ \ @ \ \
1803 \1# \
1804 \1# @\
1805 \1# @\
1806 {\@ \ \
1807 %}2#1# @\ \
1808 %1# \ @\ \ \ \ \
1809 \2# \ @\ \
1810 {{2#1# \}}
1811 undefined\ \ \
1812
1813 %{\ \ \ \ \1#} \ \} \1# \ \
1814 \ { \ \ \
1815 \ \ \
1816
1817
1818 \ \ \ \%} \#1
1819 \1#} \ \ \% \
1820 \ \ \ \
1821 }%
1822 \
1823 \ \ \ \
1824 }
1825 \= \ \
1826
1827
1828 \ifdefinitionfileloaded{latex-xetex-bidi}{%
1829 \def\@xfloat #1[#2]{%
1830 \@nocomment
1831 \def \@captype {#1}%
1832 \def \@fps {#2}%
1833 \@onelevel@sanitize \@fps
1834 \def \reserved@b {!}%
1835 \ifx \reserved@b \@fps
1836 \@fpsadddefault
1837 \else
1838 \ifx \@fps \@empty
1839 \@fpsadddefault
1840 \fi
1841 \fi
1842 \ifhmode

```



```

1843 \@bsphack
1844 \@floatpenalty -\@Mii
1845 \else
1846 \@floatpenalty-\@Miii
1847 \fi
1848 \ifinner
1849 \@parmoderr\@floatpenalty\z@
1850 \else
1851 \@next\@currbox\@freelist
1852 {%
1853 \@tempcnta \sixt@@n
1854 \expandafter \@tfor \expandafter \reserved@a
1855 \expandafter : \expandafter =\@fps
1856 \do
1857 {%
1858 \if \reserved@a h%
1859 \ifodd \@tempcnta
1860 \else
1861 \advance \@tempcnta \@ne
1862 \fi
1863 \fi
1864 \if \reserved@a %
1865 \ifodd \@tempcnta
1866 \else
1867 \advance \@tempcnta \@ne
1868 \fi
1869 \fi
1870 \if \reserved@a t%
1871 \@setfpsbit \tw@
1872 \fi
1873 \if \reserved@a %
1874 \@setfpsbit \tw@
1875 \fi
1876 \if \reserved@a b%
1877 \@setfpsbit 4%
1878 \fi
1879 \if \reserved@a %
1880 \@setfpsbit 4%
1881 \fi
1882 \if \reserved@a p%
1883 \@setfpsbit 8%
1884 \fi
1885 \if \reserved@a %
1886 \@setfpsbit 8%
1887 \fi
1888 \if \reserved@a !%
1889 \ifnum \@tempcnta>15
1890 \advance\@tempcnta -\sixt@@n\relax
1891 \fi
1892 \fi

```



```

1893         }%
1894         \@tempcntb \csname ftype@\@capttype \endcsname
1895         \multiply \@tempcntb \@xxxii
1896         \advance \@tempcnta \@tempcntb
1897         \global \count\@currbox \@tempcnta
1898     }%
1899     \@fltovf
1900 \fi
1901 \global \setbox\@currbox
1902     \color@vbox
1903     \normalcolor
1904     \vbox \bgroup
1905         \hsize\columnwidth
1906         \@parboxrestore
1907         \@floatboxreset
1908 }
1909 \let\bm@ \bm@c
1910 \let\bm@ \bm@l
1911 \let\bm@ \bm@r
1912 \let\bm@ \bm@b
1913 \let\bm@ \bm@t
1914 \let\bm@ \bm@s
1915 \long\def\@iiiparbox#1#2[#3]#4#5{%
1916     \leavevmode
1917     \@pboxswfalse
1918     \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1919     \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\else
1920     \setlength\@tempdima{#4}%
1921     \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@@par}%
1922     \ifx\relax#2\else
1923         \setlength\@tempdimb{#2}%
1924         \edef\@parboxto{to\the\@tempdimb}%
1925     \fi
1926     \if#1b\vbox
1927     \else\if#1\vbox
1928     \else\if #1t\top
1929     \else\if vtop\ #1
1930     \else\ifmmode\center
1931     \else\@pboxswtrue $\vcenter
1932     \fi\fi\fi\fi\fi
1933     \@parboxto{\let\hss\vss\let\unhbox\unvbox
1934         \csname bm@#3\endcsname}%
1935     \if@pboxsw \m@th$\fi
1936     \@end@tempboxa}
1937 \def\@iiiminipage#1#2[#3]#4{%
1938     \leavevmode
1939     \@pboxswfalse
1940     \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1941     \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\el
1942     \setlength\@tempdima{#4}%

```



```

1943 \def\@mpargs{#{1}{#2}[#3]{#4}}%
1944 \setbox\@tempboxa\vbox\bgroup
1945 \color@begingroup
1946 \hsize\@tempdima
1947 \textwidth\hsize \columnwidth\hsize
1948 \@parboxrestore
1949 \def\@mpfn{\mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
1950 \let\@footnotetext\@mpfootnotetext
1951 \let\@LTRfootnotetext\@mpLTRfootnotetext
1952 \let\@RTLfootnotetext\@mpRTLfootnotetext
1953 \let\@listdepth\@mplistdepth \@mplistdepth\z@
1954 \@minipagerestore
1955 \@setminipage}
1956 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
1957 \ifnum \@lastchclass=3 5 \else
1958 \z@ \if #1c\@chnum \z@ \else
1959 \if chnum@\ #1 \z@ \else
1960 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1961 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
1962 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1963 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
1964 \@chclass \if #1|\@ne \else
1965 \if #1@\tw@ \else
1966 \if #1p3 \else
1967 \if 3#1 \else \z@ \@preamerr 0\fi
1968 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1969 \fi}%
1970 }{}
1971 \ifdefinitionfileloaded{array-xetex-bidi}{%
1972 \def\@testpach{\@chclass
1973 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1974 \ifnum \@lastchclass=7 5 \else
1975 \ifnum \@lastchclass=8 \tw@ \else
1976 \ifnum \@lastchclass=9 \thr@@
1977 \else \z@
1978 \ifnum \@lastchclass = 10 \else
1979 \edef\@nextchar{\expandafter\string\@nextchar}%
1980 \@chnum
1981 \if \@nextchar c\z@ \else
1982 \if \@nextchar @z\ \else
1983 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1984 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1985 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
1986 \if \@nextchar \if@RTLtab else\ @fi\@tw\ \else
1987 \z@ \@chclass
1988 \if \@nextchar |\@ne \else
1989 \if \@nextchar !6 \else
1990 \if \@nextchar @7 \else
1991 \if \@nextchar <8 \else
1992 \if \@nextchar >9 \else

```



```

1993 10
1994 \@chnum
1995 \if \@nextchar m\thr@@\else
1996 \if \@nextchar thr@@\else\
1997 \if \@nextchar p4 \else
1998 \if \@nextchar 4 \else
1999 \if \@nextchar b5 \else
2000 \if \@nextchar 5 \else
2001 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi
2002 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
2003 }{}
2004 \@ifdefinitionfileloaded{arydshln-xetex-bidi}{
2005 \ifadl@usingarypkg
2006 \def\@testpach{\@chclass
2007 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
2008 \ifnum \@lastchclass=7 5 \else
2009 \ifnum \@lastchclass=8 \tw@ \else
2010 \ifnum \@lastchclass=9 \thr@@
2011 \else \z@
2012 \ifnum \@lastchclass = 10 \else
2013 \edef\@nextchar{\expandafter\string\@nextchar}%
2014 \@chnum
2015 \if \@nextchar c\z@ \else
2016 \if \@nextchar @z\ \else
2017 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
2018 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
2019 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
2020 \if \@nextchar \if@RTLtab else\ @fi\tw\ \else
2021 \z@ \@chclass
2022 \if\@nextchar \l\@ne \let\@arrayrule\adl@arrayrule \else
2023 \if\@nextchar :\@ne \let\@arrayrule\adl@arraydashrule \else
2024 \if\@nextchar ;\@ne \let\@arrayrule\adl@argarraydashrule \else
2025 \if \@nextchar !6 \else
2026 \if \@nextchar @7 \else
2027 \if \@nextchar <8 \else
2028 \if \@nextchar >9 \else
2029 10
2030 \@chnum
2031 \if \@nextchar m\thr@@\else
2032 \if \@nextchar thr@@\else\
2033 \if \@nextchar p4 \else
2034 \if \@nextchar 4 \else
2035 \if \@nextchar b5 \else
2036 \if \@nextchar 5 \else
2037 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
2038 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
2039
2040 \def\@classz{\@classx
2041 \@tempcnta \count@
2042 \prepnext@tok

```



```

2043 \@addtopreamble{\ifcase \@chnum
2044     \hfil
2045     \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
2046     \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
2047     \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
2048     \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
2049     \adl@endmbox\or
2050     \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
2051     \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
2052     \fi}\prepnext@tok}
2053 \def\adl@class@start{4}
2054 \def\adl@class@iiiorvii{7}
2055
2056 \else
2057 \def\testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
2058     \ifnum \@lastchclass=\thr@@ 5\relax \else
2059         \z@ \if #1c\@chnum \z@ \else
2060             \if @chnum\z@\ #1 \else
2061                 \if \if@RTLtab#1r\else#1l\fi\@chnum \@one \else
2062                 \if \if@RTLtab#1 \else#1 \fi\@chnum \@one \else
2063                 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
2064                 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
2065                 \@chclass
2066                 \if #1|\@one \let\@arrayrule\adl@arrayrule \else
2067                 \if #1:\@one \let\@arrayrule\adl@arraydashrule \else
2068                 \if #1;\@one \let\@arrayrule\adl@argarraydashrule \else
2069                 \if #1@\tw@ \else
2070                 \if #1p\thr@@ \else
2071                 \if @@thr\ #1 \else\z@ \@preamerr 0\fi
2072             \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
2073
2074 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2075     \or \or \@addamp \or
2076     \@acolampacol \or \@firstampfalse \@acol \fi
2077 \edef\@preamble{\@preamble
2078     \ifcase \@chnum
2079         \hfil\adl@putlrc{\$relax\@sharp$}\hfil
2080         \or \adl@putlrc{\$relax\@sharp$}\hfil
2081         \or \hfil\adl@putlrc{\$relax\@sharp$}\fi}}
2082 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2083     \or \or \@addamp \or
2084     \@acolampacol \or \@firstampfalse \@acol \fi
2085 \edef\@preamble{\@preamble
2086     \ifcase \@chnum
2087         \hfil\adl@putlrc{\@sharp\unskip}\hfil
2088         \or \adl@putlrc{\@sharp\unskip}\hfil
2089         \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
2090 \def\adl@class@start{6}
2091 \def\adl@class@iiiorvii{3}
2092 \fi

```



[illegible]


```

2143 \ifstylefalse\else\ifstyletrue\fi
2144 \setbox\@currbox\color\@vbox\normalcolor
2145 \vbox\bgroup \hsize\columnwidth \@parboxrestore
2146 \floatboxreset \setnobreak
2147 \ignorespaces}
2148 \def\@float@[ ]1# {%
2149 \expandafter\let\csname end#1\endcsname\float@endH
2150 \let\@currbox\float@box
2151 \def\@capttype{#1}\setbox\@floatcapt=\vbox{}%
2152 \expandafter\ifx\csname fst#1\endcsname\relax
2153 \ifstylefalse\else\ifstyletrue\fi
2154 \setbox\@currbox\color\@vbox\normalcolor
2155 \vbox\bgroup \hsize\columnwidth \@parboxrestore
2156 \floatboxreset \setnobreak
2157 \ignorespaces}
2158 }{}
2159 \begingroup \catcode `|=0 \catcode `|= 1
2160 \catcode`=2 \catcode `|=12 \catcode `|=12
2161 \catcode`=12 \gdef\@x@xepersian@localize@verbatim#1\[[ ] |1#]{ }
2162 \gdef\@sx@xepersian@localize@verbatim#1\[[* ] |1#]{* }
2163 \endgroup
2164 \def\@frenchspacing\@vobeyspaces \@x@xepersian@localize@verbatim}
2165 \def\end\@ifnewlist \leavevmode\fi\endtrivlist}
2166 \ExplSyntaxOn
2167 \AtBeginDocument{\@namedef{ }*}{\@verbatim \fontspec_print_visible_spaces: \@sx@xepersian
2168 \ExplSyntaxOff
2169 \expandafter\let\csname end * \endcsname =\end

```

44 File natbib-xepersian.def

```

2170 \ProvidesFile{natbib-xepersian.def}[2011/08/01 v0.1 adaptations for natbib package]
2171 \renewcommand\NAT@set@cites{%
2172 \ifNAT@numbers
2173 \ifNAT@super \let\@cite\NAT@citesuper
2174 \def\NAT@mbox##1{\unskip\nobreak\textsuperscript{##1}}%
2175 \let\citeyearpar=\citeyear
2176 \let\NAT@space\relax
2177 \def\NAT@super@kern{\kern\p@}%
2178 \else
2179 \let\NAT@mbox=\mbox
2180 \let\@cite\NAT@citenum
2181 \let\NAT@space\NAT@spacechar
2182 \let\NAT@super@kern\relax
2183 \fi
2184 \let\@citex\NAT@citexnum
2185 \let\@Latincitex\NAT@Latin@citexnum
2186 \let\@biblabel\NAT@biblabelnum
2187 \let\@bibsetup\NAT@bibsetnum
2188 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@num\NAT@close}%
2189 \def\natexlab##1{%

```



```

2190 \def\NAT@penalty{\penalty\@m}%
2191 \else
2192 \let\@cite\NAT@cite
2193 \let\@citex\NAT@citex
2194 \let\@Latincitex\NAT@Latin@citex
2195 \let\@biblabel\NAT@biblabel
2196 \let\@bibsetup\NAT@bibsetup
2197 \let\NAT@space\NAT@spacechar
2198 \let\NAT@penalty\@empty
2199 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@date\NAT@close}%
2200 \def\natexlab##1{##1}%
2201 \fi}
2202 \newcommand\NAT@Latin@citex{}
2203 \def\NAT@Latin@citex%
2204   [#1][#2]#3{%
2205   \NAT@reset@parser
2206   \NAT@sort@cites{#3}%
2207   \NAT@reset@citea
2208   \@cite{\lr{\let\NAT@nm\@empty\let\NAT@year\@empty
2209   \@for\@citeb:=\NAT@cite@list\do
2210   {\@safe@activestrue
2211   \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2212   \@safe@activesfalse
2213   \@ifundefined{b@\@citeb\@extra@b@citeb}{\@citea%
2214   {\reset@font\bfseries ?}\NAT@citeundefined
2215   \PackageWarning{natbib}%
2216   {Citation '\@citeb' on page \thepage \space undefined}}\def\NAT@date{}}%
2217   {\let\NAT@last@nm=\NAT@nm\let\NAT@last@yr=\NAT@year
2218   \NAT@parse{\@citeb}%
2219   \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2220   \let\NAT@name=\NAT@all@names
2221   \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}%
2222   \fi
2223   \ifNAT@full\let\NAT@nm\NAT@all@names\else
2224   \let\NAT@nm\NAT@name\fi
2225   \ifNAT@swa\ifcase\NAT@ctype
2226   \if\relax\NAT@date\relax
2227   \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}\NAT@date}%
2228   \else
2229   \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2230   \ifx\NAT@last@yr\NAT@year
2231   \def\NAT@temp{?}%
2232   \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2233   {Multiple citation on page \thepage: same authors and
2234   year\MessageBreak without distinguishing extra
2235   letter,\MessageBreak appears as question mark}\fi
2236   \NAT@hyper@{\NAT@exlab}%
2237   \else\unskip\NAT@spacechar
2238   \NAT@hyper@{\NAT@date}%
2239   \fi

```



```

2240         \else
2241             \@citea\NAT@hyper@{%
2242                 \NAT@nmfmt{\NAT@nm}%
2243                 \hyper@natlinkbreak{%
2244                     \NAT@aysep\NAT@spacechar}{\@citeb\@extra@b@citeb
2245                 }%
2246                 \NAT@date
2247             }%
2248         \fi
2249     \fi
2250 \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2251 \or\@citea\NAT@hyper@{\NAT@date}%
2252 \or\@citea\NAT@hyper@{\NAT@alias}%
2253 \fi \NAT@def@citea
2254 \else
2255     \ifcase\NAT@ctype
2256     \if\relax\NAT@date\relax
2257         \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2258     \else
2259         \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2260             \ifx\NAT@last@yr\NAT@year
2261                 \def\NAT@temp{?}%
2262                 \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2263                     {Multiple citation on page \thepage: same authors and
2264                     year\MessageBreak without distinguishing extra
2265                     letter,\MessageBreak appears as question mark}\fi
2266                 \NAT@hyper@{\NAT@exlab}%
2267             \else
2268                 \unskip\NAT@spacechar
2269                 \NAT@hyper@{\NAT@date}%
2270             \fi
2271         \else
2272             \@citea\NAT@hyper@{%
2273                 \NAT@nmfmt{\NAT@nm}%
2274                 \hyper@natlinkbreak{\NAT@spacechar\NAT@@open\if*#1*\else#1\NAT@spacechar\fi}%
2275                 {\@citeb\@extra@b@citeb}%
2276                 \NAT@date
2277             }%
2278         \fi
2279     \fi
2280 \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2281 \or\@citea\NAT@hyper@{\NAT@date}%
2282 \or\@citea\NAT@hyper@{\NAT@alias}%
2283 \fi
2284 \if\relax\NAT@date\relax
2285     \NAT@def@citea
2286 \else
2287     \NAT@def@citea@close
2288 \fi
2289 \fi

```



```

2290     }}\ifNAT@swa\else\if*#2*\else\NAT@cmt#2\fi
2291     \if\relax\NAT@date\relax\else\NAT@@close\fi\fi}}{#1}{#2}}
2292 \newcommand\NAT@Latin@citexnum{}
2293 \def\NAT@Latin@citexnum[#1][#2]#3{%
2294   \NAT@reset@parser
2295   \NAT@sort@cites{#3}%
2296   \NAT@reset@citea
2297   \@cite{\lr{\def\NAT@num{-1}\let\NAT@last@yr\relax\let\NAT@nm\@empty
2298     \@for\@citeb:=\NAT@cite@list\do
2299       {\@safe@activestrue
2300         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2301         \@safe@activesfalse
2302         \ifundefined{b@\@citeb\@extra@b@citeb}{%
2303           {\reset@font\bfseries?}
2304           \NAT@citeundefined\PackageWarning{natbib}%
2305             {Citation `'\@citeb' on page \thepage \space undefined}}%
2306         {\let\NAT@last@num\NAT@num\let\NAT@last@nm\NAT@nm
2307           \NAT@parse{\@citeb}%
2308           \ifNAT@longnames\ifundefined{bv@\@citeb\@extra@b@citeb}{%
2309             \let\NAT@name=\NAT@all@names
2310             \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}}%
2311           \fi
2312           \ifNAT@full\let\NAT@nm\NAT@all@names\else
2313             \let\NAT@nm\NAT@name\fi
2314           \ifNAT@swa
2315             \@ifnum{\NAT@ctype>\@one}{%
2316               \@citea
2317               \NAT@hyper@{\@ifnum{\NAT@ctype=\tw@}{\NAT@test{\NAT@ctype}}{\NAT@alias}}%
2318             }{%
2319               \@ifnum{\NAT@cmprs>\@z@}{%
2320                 \NAT@ifcat@num\NAT@num
2321                 {\let\NAT@nm=\NAT@num}%
2322                 {\def\NAT@nm{-2}}%
2323                 \NAT@ifcat@num\NAT@last@num
2324                 {\@tempcnta=\NAT@last@num\relax}%
2325                 {\@tempcnta@m@ne}%
2326                 \@ifnum{\NAT@nm=\@tempcnta}{%
2327                   \@ifnum{\NAT@merge>\@one}{\NAT@last@yr@mbox}%
2328                 }{%
2329                   \advance\@tempcnta by\@one
2330                   \@ifnum{\NAT@nm=\@tempcnta}{%
2331                     \ifx\NAT@last@yr\relax
2332                       \def\NAT@last@yr{\@citea}%
2333                     \else
2334                       \def\NAT@last@yr{--\NAT@penalty}%
2335                     \fi
2336                   }{%
2337                     \NAT@last@yr@mbox
2338                   }%
2339                 }%

```



```

2340 }{%
2341 \@tempswattrue
2342 \@ifnum{\NAT@merge>\@ne}{\@ifnum{\NAT@last@num=\NAT@num\relax}{\@tempswafalse}{}}{%
2343 \if@tempswa\NAT@citea@mbbox\fi
2344 }%
2345 }%
2346 \NAT@def@citea
2347 \else
2348 \ifcase\NAT@ctype
2349 \ifx\NAT@last@nm\NAT@nm \NAT@yrsep\NAT@penalty\NAT@space\else
2350 \@citea \NAT@test{\@ne}\NAT@spacechar\NAT@mbbox{\NAT@super@kern\NAT@@@open}%
2351 \fi
2352 \if*#1*\else#1\NAT@spacechar\fi
2353 \NAT@mbbox{\NAT@hyper@{\@citenumfont{\NAT@num}}}%
2354 \NAT@def@citea@box
2355 \or
2356 \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%
2357 \or
2358 \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%
2359 \or
2360 \NAT@hyper@citea@space\NAT@alias
2361 \fi
2362 \fi
2363 }%
2364 }%
2365 \@ifnum{\NAT@cmprs>\z0}{\NAT@last@yr}{}%
2366 \ifNAT@swa\else
2367 \@ifnum{\NAT@ctype=\z0}{%
2368 \if*#2*\else\NAT@cmt#2\fi
2369 }{%
2370 \NAT@mbbox{\NAT@@@close}%
2371 \fi
2372 }}{#1}{#2}%
2373 }%
2374 \AtBeginDocument{\NAT@set@cites}
2375 \DeclareRobustCommand\Latincite
2376 {\begingroup\let\NAT@ctype\z0\NAT@partrue\NAT@swattrue
2377 \@ifstar{\NAT@fulltrue\NAT@Latin@cites}{\NAT@fullfalse\NAT@Latin@cites}}
2378 \newcommand\NAT@Latin@cites{\@ifnextchar [{\NAT@@Latin@@citetp}{%
2379 \ifNAT@numbers\else
2380 \NAT@swafalse
2381 \fi
2382 \NAT@@Latin@@citetp[]}}
2383 \newcommand\NAT@@Latin@@citetp{}
2384 \def\NAT@@Latin@@citetp[#1]{\@ifnextchar [{\@Latincitex[#1]}{\@Latincitex[] [#1]}}

```

45 File packages-localise-xepersian.def

```

2385 packages} \-localise-xepersian.def}[2013/04/24 v0.2 localising LaTeX2e Packages]
2386 color} \}{color} @\-localise-xepersian.def}}{}

```



```

2387 \@ifpackageloaded{multicol}{%
2388 \newenvironment{      }{\begin{multicols}}{\end{multicols}}%
2389 \newenvironment{      *}{\begin{multicols*}}{\end{multicols*}}%
2390 }{}
2391 \@ifpackageloaded{verbatim}{%
2392 \begingroup
2393 \vrb@catcodes
2394 \lccode`\!=`\ \lccode`\[=\`\ \lccode`\]=`\}
2395 \catcode`\~=\active \lccode`\~=\`^M
2396 \lccode`\C=\`C
2397 \lowercase{\endgroup
2398 \def\xepersian@localize@verbatim@start#1{%
2399 \verbatim@startline
2400 \if\noexpand#1\noexpand~%
2401 \let\next\xepersian@localize@verbatim@
2402 \else \def\next{\xepersian@localize@verbatim@#1}\fi
2403 \next}%
2404 \def\xepersian@localize@verbatim@#1~{\xepersian@localize@verbatim@@#1! \@nil}%
2405 \def\xepersian@localize@verbatim@@#1! {%
2406 \verbatim@addtoline{#1}%
2407 \futurelet\next\xepersian@localize@verbatim@@@}%
2408 \def\xepersian@localize@verbatim@@@#1\@nil{%
2409 \ifx\next\@nil
2410 \verbatim@processline
2411 \verbatim@startline
2412 \let\next\xepersian@localize@verbatim@
2413 \else
2414 \def\@tempa##1! \@nil{##1}%
2415 \@temptokena{! }%
2416 \def\next{\expandafter\xepersian@localize@verbatim@test\@tempa#1\@nil~}%
2417 \fi \next}%
2418 \def\xepersian@localize@verbatim@test#1{%
2419 \let\next\xepersian@localize@verbatim@test
2420 \if\noexpand#1\noexpand~%
2421 \expandafter\verbatim@addtoline
2422 \expandafter{\the\@temptokena}%
2423 \verbatim@processline
2424 \verbatim@startline
2425 \let\next\xepersian@localize@verbatim@
2426 \else \if\noexpand#1
2427 \@temptokena\expandafter{\the\@temptokena#1}%
2428 \else \if\noexpand#1\noexpand[%
2429 \let\@tempc\@empty
2430 \let\next\xepersian@localize@verbatim@testend
2431 \else
2432 \expandafter\verbatim@addtoline
2433 \expandafter{\the\@temptokena}%
2434 \def\next{\xepersian@localize@verbatim@#1}%
2435 \fi\fi\fi
2436 \next}%

```



```

2437 \def\xepersian@localize@verbatim@testend#1{%
2438     \if\noexpand#1\noexpand~%
2439         \expandafter\verbatim@addtoline
2440             \expandafter{\the\@temptokena[]}%
2441         \expandafter\verbatim@addtoline
2442             \expandafter{\@tempc}%
2443         \verbatim@processline
2444         \verbatim@startline
2445         \let\next\xepersian@localize@verbatim@
2446     \else\if\noexpand#1\noexpand!%
2447         \let\next\xepersian@localize@verbatim@@testend
2448     \else\if\noexpand#1\noexpand!%
2449         \expandafter\verbatim@addtoline
2450             \expandafter{\the\@temptokena[]}%
2451         \expandafter\verbatim@addtoline
2452             \expandafter{\@tempc}%
2453         \def\next{\xepersian@localize@verbatim@!}%
2454     \else \expandafter\def\expandafter\@tempc\expandafter
2455         {\@tempc#1}\fi\fi\fi
2456     \next}%
2457 \def\xepersian@localize@verbatim@@testend{%
2458     \ifx\@tempc\@currentvir
2459         \verbatim@finish
2460         \edef\next{\noexpand\end{\@currentvir}}%
2461         \noexpand\xepersian@localize@verbatim@rescan{\@currentvir}}%
2462     \else
2463         \expandafter\verbatim@addtoline
2464             \expandafter{\the\@temptokena[]}%
2465         \expandafter\verbatim@addtoline
2466             \expandafter{\@tempc}}%
2467         \let\next\xepersian@localize@verbatim@
2468     \fi
2469     \next}%
2470 \def\xepersian@localize@verbatim@rescan#1#2~{\if\noexpand~\noexpand#2~\else
2471     \@warning{Characters dropped after `\'string\end{#1}'}\fi}}%
2472 \def\
2473     {\begingroup\@verbatim \frenchspacing\@vobeyspaces
2474     \xepersian@localize@verbatim@start}
2475 \def\@namedef{
2476     *}{\begingroup\@verbatim\xepersian@localize@verbatim@start}
2477 \def\end
2478     {\endtrivlist\endgroup\@doendpe}
2479 \expandafter\let\csname end
2480     *\endcsname =\end
2481 }{}
2482 \ExplSyntaxOn
2483 \AtBeginDocument{
2484     \xepersian_localize_patch_verbatim:
2485 }
2486 \cs_set:Npn \xepersian_localize_patch_verbatim: {
2487     \ifpackageloaded{verbatim}{
2488         \cs_set:cpn {*
2489             } }
2490     \group_begin: \@verbatim \fontspec_print_visible_spaces: \xepersian@localize@verbatim@st
2491 }

```



```

2487   }{
2488   }
2489 }
2490 \ExplSyntaxOff
2491 \@ifpackageloaded{graphicx}{%
2492 \def\Gin@boolkey#1#2{%
2493 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2494 \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2true\endcsname}%
2495 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2496 \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2false\endcsname}%
2497 \csname Gin@#2\ifx\relax#1\relax true\else#1\fi\endcsname}
2498 \define@key{Grot}{origin}[c]{%
2499 \@tfor\@tempa:=#1\do{%
2500 \if l\@tempa \Grot@x\z@\else
2501 \if tempa@\ \Grot@x\z@\else
2502 \if r\@tempa \Grot@x\width\else
2503 \if tempa@\ \Grot@x\width\else
2504 \if t\@tempa \Grot@y\height\else
2505 \if tempa@\ \Grot@y\height\else
2506 \if b\@tempa \Grot@y-\depth\else
2507 \if tempa@\ \Grot@y-\depth\else
2508 \if B\@tempa \Grot@y\z@\else
2509 \if tempa@\ \Grot@y\z@\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi}}
2510 {draft}{ \Gin } @ \
2511 {origin}{ \Gin } @ \
2512 {origin}{ \Grot } @ \
2513 {clip}{ \Gin } @ \
2514 {keepaspectratio}{ \Gin } @ \
2515 {natwidth}{ \Gin } @ \
2516 {natheight}{ \Gin } @ \
2517 {bb}{ \Gin } @ \
2518 {viewport}{ \Gin } @ \
2519 {trim}{ \Gin } @ \
2520 {angle}{ \Gin } @ \
2521 {width}{ \Gin } @ \
2522 {height}{ \Gin } @ \
2523 {totalheight}{ \Gin } @ \
2524 {scale}{ \Gin } @ \
2525 {type}{ \Gin } @ \
2526 {ext}{ \Gin } @ \
2527 {read}{ \Gin } @ \
2528 {command}{ \Gin } @ \
2529 {x}{ \Grot } @ \
2530 {y}{ \Grot } @ \
2531 {units}{ \Grot } @ \
2532 {}{}

```

46 File persian-tex-text.map

```

2533 LHSName "persian-TeX-text"

```




```

2534 RHSName "Unicode"
2535
2536 pass(Unicode)
2537 U+0030 <> U+06F0 ;
2538 U+0031 <> U+06F1 ;
2539 U+0032 <> U+06F2 ;
2540 U+0033 <> U+06F3 ;
2541 U+0034 <> U+06F4 ;
2542 U+0035 <> U+06F5 ;
2543 U+0036 <> U+06F6 ;
2544 U+0037 <> U+06F7 ;
2545 U+0038 <> U+06F8 ;
2546 U+0039 <> U+06F9 ;
2547
2548
2549 U+002C <> U+060C ; comma > arabic comma
2550 U+003F <> U+061F ; question mark -> arabic qm
2551 U+003B <> U+061B ; semicolon -> arabic semicolon
2552
2553 ; ligatures from Knuth's original CMR fonts
2554 U+002D U+002D <> U+2013 ; -- -> en dash
2555 U+002D U+002D U+002D <> U+2014 ; --- -> em dash
2556
2557 U+0027 <> U+2019 ; ' -> right single quote
2558 U+0027 U+0027 <> U+201D ; '' -> right double quote
2559 U+0022 > U+201D ; " -> right double quote
2560
2561 U+0060 <> U+2018 ; ` -> left single quote
2562 U+0060 U+0060 <> U+201C ; `` -> left double quote
2563
2564 U+0021 U+0060 <> U+00A1 ; !` -> inverted exclam
2565 U+003F U+0060 <> U+00BF ; ?` -> inverted question
2566
2567 ; additions supported in T1 encoding
2568 U+002C U+002C <> U+201E ; ,, -> DOUBLE LOW-9 QUOTATION MARK
2569 U+003C U+003C <> U+00AB ; << -> LEFT POINTING GUILLEMET
2570 U+003E U+003E <> U+00BB ; >> -> RIGHT POINTING GUILLEMET

```

47 File rapport1-xepersian.def

```

2571 \ProvidesFile{rapport1-xepersian.def}[2010/07/25 v0.1 adaptations for rapport1 class]
2572 \renewcommand*\thepart{\@tartibi\c@part}
2573 \renewcommand*\appendix{\par
2574   \setcounter{chapter}{0}%
2575   \setcounter{section}{0}%
2576   \gdef\@chapapp{\appendixname}%
2577   \gdef\thechapter{\@harfi\c@chapter}}

```

48 File rapport3-xepersian.def



```

2578 \ProvidesFile{rapport3-xepersian.def}[2010/07/25 v0.2 adaptations for rapport3 class]
2579 \renewcommand*\thepart{\@tartibi\c@part}
2580 \renewcommand*\appendix{\par
2581   \setcounter{chapter}{0}%
2582   \setcounter{section}{0}%
2583   \gdef\@chapapp{\appendixname}%
2584   \gdef\thechapter{\@harfi\c@chapter}}

```

49 File refrep-xepersian.def

```

2585 \ProvidesFile{refrep-xepersian.def}[2010/07/25 v0.2 adaptations for refrep class]
2586 \renewcommand \thepart {\@tartibi\c@part}
2587 \renewcommand\appendix{\par
2588   \setcounter{chapter}{0}%
2589   \setcounter{section}{0}%
2590   \gdef\@chapapp{\appendixname}%
2591   \gdef\thechapter{\@harfi\c@chapter}
2592 }%end appendix

```

50 File report-xepersian.def

```

2593 \ProvidesFile{report-xepersian.def}[2010/07/25 v0.2 adaptations for standard report class]
2594 \renewcommand \thepart {\@tartibi\c@part}
2595 \renewcommand\appendix{\par
2596   \setcounter{chapter}{0}%
2597   \setcounter{section}{0}%
2598   \gdef\@chapapp{\appendixname}%
2599   \gdef\thechapter{\@harfi\c@chapter}
2600 }%end appendix

```

51 File scrartcl-xepersian.def

```

2601 \ProvidesFile{scrartcl-xepersian.def}[2010/07/25 v0.2 adaptations for scrartcl class]
2602 \renewcommand*\thepart{\@tartibi\c@part}
2603 \renewcommand*\appendix{\par%
2604   \setcounter{section}{0}%
2605   \setcounter{subsection}{0}%
2606   \gdef\thesection{\@harfi\c@section}%
2607   \csname appendixmore\endcsname
2608 }
2609 \renewcommand*\@@maybeautodot}[1]{%
2610   \ifx #1\@stop\let\@maybeautodot\relax
2611   \else
2612     \ifx #1\harfi \@autodottrue\fi
2613     \ifx #1\adadi \@autodottrue\fi
2614     \ifx #1\tartibi \@autodottrue\fi
2615     \ifx #1\Alph \@autodottrue\fi
2616     \ifx #1\alph \@autodottrue\fi
2617     \ifx #1\Roman \@autodottrue\fi
2618     \ifx #1\roman \@autodottrue\fi

```



```

2619 \ifx #1\@harfi \@autodottrue\fi
2620 \ifx #1\@adadi \@autodottrue\fi
2621 \ifx #1\@tartibi \@autodottrue\fi
2622 \ifx #1\@Alph \@autodottrue\fi
2623 \ifx #1\@alph \@autodottrue\fi
2624 \ifx #1\@Roman \@autodottrue\fi
2625 \ifx #1\@roman \@autodottrue\fi
2626 \ifx #1\romannumeral \@autodottrue\fi
2627 \fi
2628 \@@maybeautodot
2629 }

```

52 File scrbook-xepersian.def

```

2630 \ProvidesFile{scrbook-xepersian.def}[2010/07/25 v0.2 adaptations for scrbook class]
2631 \renewcommand*\frontmatter{%
2632   \if@twoside\cleardoubleoddpagel\else\clearpage\fi
2633   \@mainmatterfalse\pagenumbering{harfi}%
2634 }
2635 \renewcommand*\thepart{\@tartibi\c@part}
2636 \renewcommand*\appendix{\par%
2637   \setcounter{chapter}{0}%
2638   \setcounter{section}{0}%
2639   \gdef\@chapapp{\appendixname}%
2640   \gdef\thechapter{\@harfi\c@chapter}%
2641   \csname appendixmore\endcsname
2642 }
2643 \renewcommand*\@@maybeautodot}[1]{%
2644   \ifx #1\@stop\let\@@maybeautodot\relax
2645   \else
2646     \ifx #1\harfi \@autodottrue\fi
2647     \ifx #1\adadi \@autodottrue\fi
2648     \ifx #1\tartibi \@autodottrue\fi
2649     \ifx #1\Alph \@autodottrue\fi
2650     \ifx #1\alph \@autodottrue\fi
2651     \ifx #1\Roman \@autodottrue\fi
2652     \ifx #1\roman \@autodottrue\fi
2653     \ifx #1\@harfi \@autodottrue\fi
2654     \ifx #1\@adadi \@autodottrue\fi
2655     \ifx #1\@tartibi \@autodottrue\fi
2656     \ifx #1\@Alph \@autodottrue\fi
2657     \ifx #1\@alph \@autodottrue\fi
2658     \ifx #1\@Roman \@autodottrue\fi
2659     \ifx #1\@roman \@autodottrue\fi
2660     \ifx #1\romannumeral \@autodottrue\fi
2661   \fi
2662   \@@maybeautodot
2663 }

```



53 File scrreprt-xepersian.def

```
2664 \ProvidesFile{scrreprt-xepersian.def}[2010/07/25 v0.2 adaptations for scrreprt class]
2665 \renewcommand*{\thepart}{\@tartibi\c@part}
2666 \renewcommand*{\appendix}{\par%
2667   \setcounter{chapter}{0}%
2668   \setcounter{section}{0}%
2669   \gdef\@chapapp{\appendixname}%
2670   \gdef\thechapter{\@harfi\c@chapter}%
2671   \csname appendixmore\endcsname
2672 }
2673 \renewcommand*{\@maybeautodot}[1]{%
2674   \ifx #1\@stop\let\@maybeautodot\relax
2675   \else
2676     \ifx #1\harfi \@autodottrue\fi
2677     \ifx #1\adadi \@autodottrue\fi
2678     \ifx #1\tartibi \@autodottrue\fi
2679     \ifx #1\Alph \@autodottrue\fi
2680     \ifx #1\alph \@autodottrue\fi
2681     \ifx #1\Roman \@autodottrue\fi
2682     \ifx #1\roman \@autodottrue\fi
2683     \ifx #1\@harfi \@autodottrue\fi
2684     \ifx #1\@adadi \@autodottrue\fi
2685     \ifx #1\@tartibi \@autodottrue\fi
2686     \ifx #1\@Alph \@autodottrue\fi
2687     \ifx #1\@alph \@autodottrue\fi
2688     \ifx #1\@Roman \@autodottrue\fi
2689     \ifx #1\@roman \@autodottrue\fi
2690     \ifx #1\romannumeral \@autodottrue\fi
2691   \fi
2692   \@maybeautodot
2693 }
```

54 File soul-xepersian.def

```
2694 \ProvidesFile{soul-xepersian.def}[2018/12/12 v0.2 adaptations for soul package]
2695 \let\SOUL@tt@latin\SOUL@tt
2696 \newfontface{\SOUL@tt@nonlatin}{Times New Roman}
2697 \def\SOUL@tt{%
2698   \if@nonlatin
2699     \SOUL@tt@nonlatin
2700   \else
2701     \SOUL@tt@latin
2702   \fi
2703 }
2704 \bidi@appto\resetlatinfont{%
2705   \setbox\z@\hbox{\SOUL@tt-}%
2706   \SOUL@ttwidth\wd\z@
2707 }
2708 \bidi@appto\setpersianfont{%
```



```

2709 \setbox\z@\hbox{\SOUL@tt-}%
2710 \SOUL@ttwidth\wd\z@
2711 }

```

55 File tikz.code-xepersian.def

```

2712 \ProvidesFile{tikz.code-xepersian.def}[2018/12/11 v0.1 adaptations for tikz.code.tex file]
2713 \bidi@patchcmd\tikz@finish{%
2714 \beginpgroup
2715 \tikz@options
2716 }{%
2717 \beginpgroup
2718 \@@textdigitfont@onfalse
2719 \tikz@options
2720 }{}{}

```

56 File tkz-linknodes-xepersian.def

```

2721 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes package]
2722 \renewcommand*{\@SetTab}{%
2723 \let\@alph\@latinalph%
2724 \ifnum \value{C@NumTab}>25\relax%
2725 \setcounter{C@NumTab}{1}%
2726 \else%
2727 \stepcounter{C@NumTab}%
2728 \fi%
2729 \setcounter{C@NumGroup}{0}%
2730 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2731 \setboolean{B@FirstLink}{true}
2732 \setboolean{B@NewGroup}{false}
2733 \setcounter{C@NumGroup}{0}
2734 \setcounter{C@CurrentGroup}{0}
2735 \setcounter{NumC@Node}{0}
2736 \setcounter{NumC@stop}{0}
2737 \setcounter{C@NextNode}{0}
2738 \setcounter{C@CurrentStop}{0}
2739 \setcounter{C@CurrentNode}{0}
2740 }%

```

57 File tocloft-xepersian.def

```

2741 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2742 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2743 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2744 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}
2745 \renewcommand*{\cftsubsubsecname}{\if@RTL else\ subsubsection\fi}
2746 \renewcommand*{\cftparaname}{\if@RTL else\ paragraph\fi}
2747 \renewcommand*{\cftsubparaname}{\if@RTL else\ subparagraph\fi}
2748 \renewcommand*{\cftfigname}{\if@RTL else\ figure\fi}
2749 \renewcommand*{\cftsubfigname}{\if@RTL else\ subfigure\fi}

```



```

2750 \renewcommand*{\cfttabname}{\if@RTL else\    table\fi}
2751 \renewcommand*{\cftsubtabname}{\if@RTL else\    subtable\fi}

```

58 File varioref-xepersian.def

```

2752 \ProvidesFile{varioref-xepersian.def}[2018/09/29 v0.1 bilingual captions for varioref package]
2753 \def\reftextfaceafter{%
2754   \if@RTL
2755
2756 \reftextvario{  }{ }%
2757   \else
2758     on the \reftextvario{facing}{next} page%
2759   \fi
2760 }
2761 \def\reftextfacebefore{%
2762   \if@RTL
2763
2764 \reftextvario{  }{ }%
2765   \else
2766     on the \reftextvario{facing}{preceding} page%
2767   \fi
2768 }
2769 \def\reftextafter{%
2770   \if@RTL
2771
2772 \reftextvario{ }{ }%
2773   \else
2774     on the \reftextvario{following}{next} page%
2775   \fi
2776 }
2777 \def\reftextbefore{%
2778   \if@RTL
2779
2780 \reftextvario{ }{ }%
2781   \else
2782     on the \reftextvario{preceding}{previous} page%
2783   \fi
2784 }
2785 \def\reftextcurrent{%
2786   \if@RTL
2787
2788 \reftextvario{    }{    }%
2789   \else
2790     on \reftextvario{this}{the current} page%
2791   \fi
2792 }
2793 \def\reftextfaraway#1{%
2794   \if@RTL
2795     %
2796 ~\pageref{#1}%

```



```

2797 \else
2798   on page~\pageref{#1}%
2799 \fi
2800 }
2801 \def\reftextpagerange#1#2{%
2802   \if@RTL
2803     %
2804   ~\pageref{#1}--\pageref{#2}%
2805   \else
2806     on pages~\pageref{#1}--\pageref{#2}%
2807   \fi
2808 }
2809 \def\reftextlabelrange#1#2{%
2810   \if@RTL
2811     \ref{#1} %ref{#2}\~
2812   \else
2813     \ref{#1} to~\ref{#2}%
2814   \fi
2815 }

```

59 File xepersian.sty

```

2816 \NeedsTeXFormat{LaTeX2e}
2817 \def\xepersian@version{22.8}
2818 \def\xepersian@date{2020-01-31}
2819 \ProvidesPackage{xepersian}[\xepersian@date\space v\xepersian@version\space
2820 Persian typesetting in XeLaTeX]
2821 \RequirePackage{fontspec}
2822 \RequirePackage{xepersian-persiancal}
2823 \RequirePackage{xepersian-mathsdigitspec}
2824 \RequirePackage{bidi}
2825 \edef\xepersian@info{*****~J%
2826 * ~J%
2827 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2828 * ~J%
2829 * Description: The package supports Persian~J%
2830 * typesetting, using fonts provided in the~J%
2831 * distribution.~J%
2832 * ~J%
2833 * Copyright (c) 2008-2019 Vafa Khalighi~J%
2834 * 2018-2020 bidi-tex GitHub Organisation~J%
2835 * ~J%
2836 * v\xepersian@version, \xepersian@date~J%
2837 * ~J%
2838 * License: LaTeX Project Public License, version~J%
2839 * 1.3c or higher (your choice)~J%
2840 * ~J%
2841 * Location on CTAN: /macros/xetex/latex/xepersian~J%
2842 * ~J%
2843 * Issue tracker: https://github.com/bidi-tex/xepersian/issues~J%

```



```

2844 * ^~J%
2845 *****}
2846 \typeout{\@xepersian@info}
2847 \edef\xepersian@everyjob{\the\everyjob}
2848 \everyjob{\xepersian@everyjob\typeout{\@xepersian@info}}
2849 \newcommand*{\xepersianversion}
2850   {\ensuremath\xepersian@version}
2851 \newcommand*{\IfxepersianPackageVersionLater}[1]{%
2852   \ifdim\xepersian@version pt > #1 pt %
2853     \expandafter\@firstoftwo
2854   \else
2855     \expandafter\@secondoftwo
2856   \fi}
2857 \newcommand*{\IfxepersianPackageVersionBefore}[1]{%
2858   \ifdim\xepersian@version pt < #1 pt %
2859     \expandafter\@firstoftwo
2860   \else
2861     \expandafter\@secondoftwo
2862   \fi}
2863 \newcommand*{\IfxepersianPackageVersion}[1]{%
2864   \ifdim\xepersian@version pt = #1 pt %
2865     \expandafter\@firstoftwo
2866   \else
2867     \expandafter\@secondoftwo
2868   \fi}
2869 \def\prq{<}
2870 \def\plq{>}
2871 \def\xepersian@cmds@temp#1{%
2872   \begingroup\expandafter\expandafter\expandafter\endgroup
2873   \expandafter\ifx\csname xepersian@#1\endcsname\relax
2874     \begingroup
2875       \escapechar=-1 %
2876       \edef\x{\expandafter\meaning\csname#1\endcsname}%
2877       \def\y{#1}%
2878       \def\z##1->{}%
2879       \edef\y{\expandafter\z\meaning\y}%
2880       \expandafter\endgroup
2881       \ifx\x\y
2882         \expandafter\def\csname xepersian@#1\endcsname
2883         \expandafter{%
2884           \csname#1\endcsname
2885         }%
2886       \fi
2887     \fi
2888   }%
2889 \xepersian@cmds@temp{shellescape}
2890 \newif\ifwritexviii
2891 \ifnum\xepersian@shellescape=1\relax
2892   \writexviiiitru
2893 \else

```




```

2894 \writexviiiifalse
2895 \fi
2896 \newfontscript{Persian}{arab}
2897 \newfontlanguage{Persian}{FAR}
2898 \ExplSyntaxOn
2899
2900 \keys_define:nn {fontspec-opentype}
2901 {
2902   Ligatures / PersianTeX .code:n = { \tl_set:Nn \l__fontspec_mapping_tl {persian-tex-text} }
2903   Ligatures / PersianTeX .groups:n = {opentype},
2904   Ligatures / PersianTeXReset .code:n = { \tl_clear:N \l__fontspec_mapping_tl },
2905   Ligatures / PersianTeXReset .groups:n = {opentype},
2906 }
2907
2908 \keys_define:nn {fontspec-aat}
2909 {
2910   Ligatures / PersianTeX .code:n =
2911   {
2912     \tl_set:Nn \l__fontspec_mapping_tl { persian-tex-text }
2913   }
2914 }
2915
2916 \DeclareDocumentCommand \settextfont { 0{} m 0{} }
2917 {
2918   \__xepersian_main_settextfont:nn {#1,#3} {#2}
2919   \ignorespaces
2920 }
2921 \cs_new:Nn \__xepersian_main_settextfont:nn
2922 {
2923   \fontspec_set_family:Nnn \l__xepersian_persianfont_family_tl {Script=Persian,Ligatures=Persian}
2924   \tl_set_eq:NN \rmdefault \l__xepersian_persianfont_family_tl
2925   \use:x { \exp_not:n { \DeclareRobustCommand \persianfont } }
2926   {
2927     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2928     \exp_not:N \fontfamily { \l__xepersian_persianfont_family_tl }
2929     \exp_not:N \selectfont
2930   }
2931 }
2932 \str_if_eq:eeT {\familydefault} {\rmdefault}
2933 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2934 \__xepersian_settextfont_hook:nn {#1} {#2}
2935 \normalfont
2936 }
2937
2938 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2939
2940 \DeclareDocumentCommand \settextdigitfont { 0{} m 0{} }
2941 {
2942   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2943   \ignorespaces

```



```

2944 }
2945 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2946 {
2947   \fontspec_set_family:Nnn \l__xepersian_textdigitfont_family_tl {Script=Persian,Ligatures=Per
2948   \use:x
2949   {
2950     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2951     {
2952       \exp_not:N \fontfamily { \l__xepersian_textdigitfont_family_tl }
2953       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2954       \exp_not:N \selectfont
2955     }
2956   }
2957   \__xepersian_settextdigitfont_hook:nn {#1} {#2}
2958   \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2959   \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@switch@textdigitfont}
2960   \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2961   \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2962   \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@switch@textdigitfont}
2963   \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInter
2964   \if@bidi@csundef{xepersian@D}{}%
2965     \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2966     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textdigitfont}
2967     \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2968     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textdigitfont}
2969     \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2970     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textdigitfont}
2971     \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2972     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textdigitfont}
2973     \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2974     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textdigitfont}
2975   }
2976 }
2977
2978 \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin
2979 \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\
2980
2981 \cs_set_eq:NN \__xepersian_settextdigitfont_hook:nn \use_none:nn
2982
2983 \DeclareDocumentCommand \setdigitfont { 0{} m 0{} }
2984 {
2985   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2986   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2987   \ignorespaces
2988 }
2989
2990
2991 \DeclareDocumentCommand \setlatintextfont { 0{} m 0{} }
2992 {
2993   \__xepersian_main_setlatintextfont:nn {#1,#3} {#2}

```



```

2994 \ignorespaces
2995 }
2996 \cs_new:Nn \__xepersian_main_setlatintextfont:nn
2997 {
2998   \fontspec_set_family:Nnn \l__xepersian_latinfont_family_tl {Ligatures=TeX,#1} {#2}
2999   \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
3000     {
3001       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3002       \exp_not:N \fontfamily { \l__xepersian_latinfont_family_tl }
3003       \exp_not:N \selectfont
3004     }
3005   }
3006   \str_if_eq:eeT {\familydefault} {\rmdefault}
3007   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3008   \__xepersian_setlatintextfont_hook:nn {#1} {#2}
3009   \normalfont
3010 }
3011
3012 \cs_set_eq:NN \__xepersian_setlatintextfont_hook:nn \use_none:nn
3013
3014 \tl_set_eq:NN \setlatinsansfont \setsansfont
3015 \tl_set_eq:NN \setlatinmonofont \setmonofont
3016
3017 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
3018 {
3019   \__xepersian_main_defpersianfont:NnnN #1 {#2,#4} {#3}
3020   \NewDocumentCommand
3021 }
3022 \DeclareDocumentCommand \redefpersianfont { m O{} m O{} }
3023 {
3024   \__xepersian_main_defpersianfont:NnnN #1 {#2,#4} {#3}
3025   \RenewDocumentCommand
3026 }
3027 \cs_new:Nn \__xepersian_main_defpersianfont:NnnN
3028 {
3029   \fontspec_set_family:cn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Persian,Ligatures=TeX}
3030   \use:x
3031   {
3032     \exp_not:N #4 \exp_not:N #1 {
3033       {
3034         \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
3035         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3036         \exp_not:N \selectfont
3037       }
3038     }
3039   }
3040
3041 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
3042 {
3043   \__xepersian_main_deflatinfont:NnnN #1 {#2,#4} {#3}

```



```

3044 \NewDocumentCommand
3045 }
3046 \DeclareDocumentCommand \redeflatinfont { m O{} m O{} }
3047 {
3048   \__xepersian_main_deflatinfont:NnnN #1 {#2,#4} {#3}
3049   \RenewDocumentCommand
3050 }
3051 \cs_new:Nn \__xepersian_main_deflatinfont:NnnN
3052 {
3053   \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Ligatures=TeX,#2} {#3}
3054   \use:x
3055   {
3056     \exp_not:N #4 \exp_not:N #1 {}
3057     {
3058       \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
3059       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3060       \exp_not:N \selectfont
3061     }
3062   }
3063 }
3064
3065 \newcommand\persiansfdefault{}
3066 \newcommand\persianttdefault{}
3067 \newcommand\iranicsfdefault{}
3068 \newcommand\navarsfdefault{}
3069 \newcommand\pooksfdefault{}
3070 \newcommand\sayehsfdefault{}
3071 \DeclareRobustCommand\persiansffamily
3072   {\not@math@alphabet\persiansffamily\mathpersiansf
3073   \fontfamily\persiansfdefault\selectfont}
3074 \DeclareRobustCommand\persianttfamily
3075   {\not@math@alphabet\persianttfamily\mathpersiantt
3076   \fontfamily\persianttdefault\selectfont}
3077 \DeclareRobustCommand\iranicsfamily
3078   {\not@math@alphabet\iranicsfamily\mathiranics
3079   \fontfamily\iranicsfdefault\selectfont}
3080 \DeclareRobustCommand\navarsfamily
3081   {\not@math@alphabet\navarsfamily\mathnavar
3082   \fontfamily\navarsfdefault\selectfont}
3083 \DeclareRobustCommand\pooksfamily
3084   {\not@math@alphabet\pooksfamily\mathpook
3085   \fontfamily\pooksfdefault\selectfont}
3086 \DeclareRobustCommand\sayehsfamily
3087   {\not@math@alphabet\sayehsfamily\mathsayeh
3088   \fontfamily\sayehsfdefault\selectfont}
3089 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
3090 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
3091 \DeclareTextFontCommand{\textiranics}{\iranicsfamily}
3092 \DeclareTextFontCommand{\textnavar}{\navarsfamily}
3093 \DeclareTextFontCommand{\textpook}{\pooksfamily}

```



```

3094 \DeclareTextFontCommand{\textsayeh}{\sayehfamily}
3095
3096 \DeclareDocumentCommand \setpersiansansfont { 0{ } m 0{ } }
3097 {
3098     \__xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
3099     \ignorespaces
3100 }
3101 \cs_new:Nn \__xepersian_main_setpersiansansfont:nn
3102 {
3103     \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Persian,Ligatures=
3104     \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl
3105     \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
3106     {
3107         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3108         \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
3109         \exp_not:N \selectfont
3110     }
3111 }
3112 \str_if_eq:eeT {\familydefault} {\persiansfdefault}
3113 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3114 \__xepersian_setpersiansansfont_hook:nn {#1} {#2}
3115 \normalfont
3116 }
3117
3118 \cs_set_eq:NN \__xepersian_setpersiansansfont_hook:nn \use_none:nn
3119
3120 \DeclareDocumentCommand \setpersianmonofont { 0{ } m 0{ } }
3121 {
3122     \__xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
3123     \ignorespaces
3124 }
3125 \cs_new:Nn \__xepersian_main_setpersianmonofont:nn
3126 {
3127     \fontspec_set_family:Nnn \l__xepersian_persianttfamily_family_tl {Script=Persian,Ligatures=
3128     \tl_set_eq:NN \persianttdefault \l__xepersian_persianttfamily_family_tl
3129     \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
3130     {
3131         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3132         \exp_not:N \fontfamily { \l__xepersian_persianttfamily_family_tl }
3133         \exp_not:N \selectfont
3134     }
3135 }
3136 \str_if_eq:eeT {\familydefault} {\persianttdefault}
3137 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3138 \__xepersian_setpersianmonofont_hook:nn {#1} {#2}
3139 \normalfont
3140 }
3141
3142 \cs_set_eq:NN \__xepersian_setpersianmonofont_hook:nn \use_none:nn
3143

```



```

3144 \DeclareDocumentCommand \setnavarfont { 0{} m 0{} }
3145 {
3146   \__xepersian_main_setnavarfont:nn {#1,#3} {#2}
3147   \ignorespaces
3148 }
3149 \cs_new:Nn \__xepersian_main_setnavarfont:nn
3150 {
3151   \fontspec_set_family:Nnn \l__xepersian_navarfamilly_family_tl {Script=Persian,Ligatures=Persi
3152   \tl_set_eq:NN \navardefault \l__xepersian_navarfamilly_family_tl
3153   \use:x { \exp_not:n { \DeclareRobustCommand \navarfamilly }
3154   {
3155     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3156     \exp_not:N \fontfamily { \l__xepersian_navarfamilly_family_tl }
3157     \exp_not:N \selectfont
3158   }
3159 }
3160 \str_if_eq:eeT {\familydefault} {\navardefault}
3161   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3162   \__xepersian_setnavarfont_hook:nn {#1} {#2}
3163   \normalfont
3164 }
3165
3166 \cs_set_eq:NN \__xepersian_setnavarfont_hook:nn \use_none:nn
3167
3168 \DeclareDocumentCommand \setpookfont { 0{} m 0{} }
3169 {
3170   \__xepersian_main_setpookfont:nn {#1,#3} {#2}
3171   \ignorespaces
3172 }
3173 \cs_new:Nn \__xepersian_main_setpookfont:nn
3174 {
3175   \fontspec_set_family:Nnn \l__xepersian_pookfamily_family_tl {Script=Persian,Ligatures=Persi
3176   \tl_set_eq:NN \pookdefault \l__xepersian_pookfamily_family_tl
3177   \use:x { \exp_not:n { \DeclareRobustCommand \pookfamily }
3178   {
3179     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3180     \exp_not:N \fontfamily { \l__xepersian_pookfamily_family_tl }
3181     \exp_not:N \selectfont
3182   }
3183 }
3184 \str_if_eq:eeT {\familydefault} {\pookdefault}
3185   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3186   \__xepersian_setpookfont_hook:nn {#1} {#2}
3187   \normalfont
3188 }
3189
3190 \cs_set_eq:NN \__xepersian_setpookfont_hook:nn \use_none:nn
3191
3192 \DeclareDocumentCommand \setsayehfont { 0{} m 0{} }
3193 {

```



```

3194 \__xepersian_main_setsayehfont:nn {#1,#3} {#2}
3195 \ignorespaces
3196 }
3197 \cs_new:Nn \__xepersian_main_setsayehfont:nn
3198 {
3199 \fontspec_set_family:Nnn \l__xepersian_sayehfamily_family_tl {Script=Persian,Ligatures=Pers
3200 \tl_set_eq:NN \sayehdefault \l__xepersian_sayehfamily_family_tl
3201 \use:x { \exp_not:n { \DeclareRobustCommand \sayehfamily }
3202 {
3203 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3204 \exp_not:N \fontfamily { \l__xepersian_sayehfamily_family_tl }
3205 \exp_not:N \selectfont
3206 }
3207 }
3208 \str_if_eq:eeT {\familydefault} {\sayehdefault}
3209 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3210 \__xepersian_setsayehfont_hook:nn {#1} {#2}
3211 \normalfont
3212 }
3213
3214 \cs_set_eq:NN \__xepersian_setsayehfont_hook:nn \use_none:nn
3215
3216 \DeclareDocumentCommand \setiraniconfont { 0{ } m 0{ } }
3217 {
3218 \__xepersian_main_setiraniconfont:nn {#1,#3} {#2}
3219 \ignorespaces
3220 }
3221 \cs_new:Nn \__xepersian_main_setiraniconfont:nn
3222 {
3223 \fontspec_set_family:Nnn \l__xepersian_iraniconfamily_family_tl {Script=Persian,Ligatures=Pers
3224 \tl_set_eq:NN \iranicondefault \l__xepersian_iraniconfamily_family_tl
3225 \use:x { \exp_not:n { \DeclareRobustCommand \iraniconfamily }
3226 {
3227 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3228 \exp_not:N \fontfamily { \l__xepersian_iraniconfamily_family_tl }
3229 \exp_not:N \selectfont
3230 }
3231 }
3232 \str_if_eq:eeT {\familydefault} {\iranicondefault}
3233 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3234 \__xepersian_setiraniconfont_hook:nn {#1} {#2}
3235 \normalfont
3236 }
3237
3238 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:nn \use_none:nn
3239
3240 \ExplSyntaxOff
3241 \def\resetlatinfont{%
3242 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3243 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%

```



```

3244 \def\xepersian@@fontsize@scale{%
3245 \strip@pt\dimexpr 1pt * \dimexpr
3246 \xepersian@@latin@fontsize@scale pt\relax
3247 / \dimexpr \xepersian@@fontsize@scale pt\relax\relax
3248 }%
3249 \def\xepersian@@baselineskip@scale{%
3250 \strip@pt\dimexpr 1pt * \dimexpr
3251 \xepersian@@latin@baselineskip@scale pt\relax
3252 / \dimexpr \xepersian@@baselineskip@scale pt\relax\relax
3253 }%
3254 \@nonlatinfalse%
3255 \let\normalfont\latinfont%
3256 \let\reset@font\normalfont%
3257 \latinfont%
3258 \fontsize\fontsize\fontbaselineskip%
3259 \selectfont%
3260 \let\xepersian@@fontsize@scale\xepersian@@latin@fontsize@scale%
3261 \let\xepersian@@baselineskip@scale\xepersian@@latin@baselineskip@scale%
3262 }
3263 \def\setpersianfont{%
3264 \let\xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3265 \let\xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3266 \let\xepersian@@fontsize@scale\one%
3267 \let\xepersian@@baselineskip@scale\one%
3268 \@nonlatintrue%
3269 \let\normalfont\persianfont%
3270 \let\reset@font\normalfont%
3271 \persianfont%
3272 \fontsize\fontsize\fontbaselineskip%
3273 \selectfont%
3274 \let\xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3275 \let\xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3276 }
3277 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
3278 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
3279 \def\latin{\LTR\LatinAlphas\@RTL@footnotefalse\resetlatinfont}
3280 \def\endlatin{\endLTR}
3281 \newenvironment{latin*}{\latin
3282 \everypar{%
3283 {\setbox\z@lastbox
3284 \ifvoid\z@
3285 \kern-\parindent
3286 \fi}%
3287 }%
3288 }{\endlatin\@endpetrue}
3289 \def\persian{\RTL\PersianAlphas\@RTL@footnotetrue\setpersianfont}
3290 \def\endpersian{\endRTL}
3291 \newenvironment{persian*}{\persian
3292 \everypar{%
3293 {\setbox\z@lastbox

```




```

3294     \ifvoid\z@
3295         \kern-\parindent
3296     \fi}%
3297 }%
3298 }\endpersian\@endpetrue}
3299 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end{latinitems}}
3300 \newenvironment{persianitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end{persianitems}}
3301 \let\originaltoday=\today
3302 \def\latintoday{\lr{\originaltoday}}
3303 \def\today{\rl{\persiantoday}}
3304 \def \@LTRmarginparreset {%
3305     \reset@font
3306     \resetlatinfont
3307     \normalsize
3308     \@minipagetrue
3309     \everypar{\@minipagefalse\everypar{}\beginL}%
3310 }
3311 \DeclareRobustCommand\Latincite{%
3312     \@ifnextchar [{\@tempwatrue\@Latincitex}{\@tempwafalse\@Latincitex[]}}
3313 \def\@Latincitex[#1]#2{\leavevmode
3314     \let\@citea\@empty
3315     \@cite{\lr{\@for\@citeb:=#2\do
3316         {\@citea\def\@citea{,\penalty\@m\ }%
3317         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
3318         \if@files\immediate\write\@auxout{\string\citation{\@citeb}}\fi
3319         \ifundefined{b@\@citeb}{\hbox{\reset@font\bfseries ?}%
3320             \G@refundefinedtrue
3321             \@latex@warning
3322             {Citation `'\@citeb' on page \thepage \space undefined}}%
3323             {\@cite\@ofmt{\csname b@\@citeb\endcsname}}}}{#1}}
3324 }
3325 \renewcommand*{\bidi@font@@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
3326
3327 \newif\if@xepersian@computeautoilg
3328 \newcount\xepersian@tcl
3329 \newdimen\xepersian@ilg
3330 \newdimen\xepersian@strutilg
3331 \chardef\f@ur=4
3332 \newcommand*{\xepersian@computeautoilg}{% compute the interline glue
3333     \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3334     \loop
3335     \iffontchar\font\xepersian@tcl
3336     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\z@
3337     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3338         \xepersian@ilg=\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3339     \fi
3340     \else
3341     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl<\z@
3342     \ifdim-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3343         \xepersian@ilg=-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl

```



```

3344 \fi
3345 \fi
3346 \fi
3347 \ifdim\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl>\z@
3348 \ifdim\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3349 \xepersian@strutilg=\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl
3350 \fi
3351 \else
3352 \ifdim\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl<\z@
3353 \ifdim-\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3354 \xepersian@strutilg=-\XeTeXglyphbounds\fontur \the\XeTeXcharglyph\xepersian@tcl
3355 \fi
3356 \fi
3357 \fi
3358 \fi
3359 \advance\xepersian@tcl\@ne
3360 \ifnum\xepersian@tcl<1792\repeat
3361 \advance\xepersian@strutilg\xepersian@ilg
3362 % \ifdim\xepersian@strutilg>\baselineskip
3363 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3364 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3365 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3366 % \selectfont
3367 % \fi
3368 }
3369
3370 \newif\if@@textdigitfont@on
3371
3372 \newcommand{\TextDigitFontOn}{\@@textdigitfont@ontrue}
3373 \newcommand{\TextDigitFontOff}{\@@textdigitfont@onfalse}
3374
3375 \TextDigitFontOn
3376
3377 \newcommand*\xepersian@setlength[4]{%
3378 \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3379 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3380 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3381 \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3382 \else
3383 \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3384 \fi
3385 \else
3386 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3387 \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3388 \else
3389 \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3390 \fi
3391 \fi
3392 \else
3393 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi

```



```

3394 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3395 \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3396 \else
3397 \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3398 \fi
3399 \else
3400 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3401 \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3402 \else
3403 \setlength{#1}{#2 \@plus#3 \@minus#4}%
3404 \fi
3405 \fi
3406 \fi
3407 }
3408
3409 \newcommand*{\setfontsize}[2][1.2\@tempdima]{%
3410 \@defaultunits\@tempdima#2pt\relax\@nnil
3411 \setlength{\@tempdimc}{\@tempdima}%
3412 \addtolength{\@tempdimc}{-10\p@}%
3413 \edef\@ptsize{\strip@pt\@tempdimc}%
3414 \@defaultunits\@tempdimb#1pt\relax\@nnil
3415 \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3416 \edef\@tempb{\the\@tempdimc}%
3417 \setlength{\@tempdimc}{\@tempdima}%
3418 \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3419 \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3420 \xepersian@setlength{\abovedisplayskip}%
3421 { .8333\@tempdimb}{ .1667\@tempdimb}{ .5\@tempdimb}%
3422 \xepersian@setlength{\abovedisplayskip}{\z@}{ .25\@tempdimb}{\z@}%
3423 \xepersian@setlength{\belowdisplayskip}%
3424 { .5\@tempdimb}{ .25\@tempdimb}{ .25\@tempdimb}%
3425 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3426 \edef\normalsize{%
3427 \noexpand\setfontsize\noexpand\normalsize
3428 {\the\@tempdima}{\the\@tempdimb}%
3429 \abovedisplayskip \the\abovedisplayskip
3430 \abovedisplayshortskip \the\abovedisplayshortskip
3431 \belowdisplayskip \the\belowdisplayskip
3432 \belowdisplayshortskip \the\belowdisplayshortskip
3433 \let\noexpand\@listi\noexpand\@listI
3434 }%
3435 \setlength{\@tempdima}{0.9125\@tempdimc}%
3436 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3437 \xepersian@setlength{\abovedisplayskip}%
3438 { .8333\@tempdimb}{ .1667\@tempdimb}{ .5\@tempdimb}%
3439 \xepersian@setlength{\abovedisplayskip}{\z@}{ .25\@tempdimb}{\z@}%
3440 \xepersian@setlength{\belowdisplayskip}%
3441 { .5\@tempdimb}{ .25\@tempdimb}{ .25\@tempdimb}%
3442 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3443 \edef\small{%

```



```

3444 \noexpand\@setfontsize\noexpand\small
3445 {\the\@tempdima}{\the\@tempdimb}%
3446 \abovedisplayskip \the\abovedisplayskip
3447 \abovedisplayshortskip \the\abovedisplayshortskip
3448 \belowdisplayskip \the\belowdisplayskip
3449 \belowdisplayshortskip \the\belowdisplayshortskip
3450 \let\noexpand\@listi\noexpand\@listi@small
3451 }%
3452 \setlength{\@tempdima}{.83334\@tempdimc}%
3453 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3454 \xepersian@setlength{\abovedisplayskip}%
3455     {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3456 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3457 \xepersian@setlength{\belowdisplayshortskip}%
3458     {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3459 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3460 \edef\footnotesize{%
3461     \noexpand\@setfontsize\noexpand\footnotesize
3462     {\the\@tempdima}{\the\@tempdimb}%
3463     \abovedisplayskip \the\abovedisplayskip
3464     \abovedisplayshortskip \the\abovedisplayshortskip
3465     \belowdisplayskip \the\belowdisplayskip
3466     \belowdisplayshortskip \the\belowdisplayshortskip
3467     \let\noexpand\@listi\noexpand\@listi@footnotesize
3468 }%
3469 \setlength{\@tempdima}{.66667\@tempdimc}%
3470 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3471 \edef\scriptsize{%
3472     \noexpand\@setfontsize\noexpand\scriptsize
3473     {\the\@tempdima}{\the\@tempdimb}%
3474 }%
3475 \setlength{\@tempdima}{.5\@tempdimc}%
3476 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3477 \edef\tiny{%
3478     \noexpand\@setfontsize\noexpand\tiny
3479     {\the\@tempdima}{\the\@tempdimb}%
3480 }%
3481 \setlength{\@tempdima}{1.2\@tempdimc}%
3482 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3483 \edef\large{%
3484     \noexpand\@setfontsize\noexpand\large
3485     {\the\@tempdima}{\the\@tempdimb}%
3486 }%
3487 \setlength{\@tempdima}{1.44\@tempdimc}%
3488 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3489 \edef\Large{%
3490     \noexpand\@setfontsize\noexpand\Large
3491     {\the\@tempdima}{\the\@tempdimb}%
3492 }%
3493 \setlength{\@tempdima}{1.728\@tempdimc}%

```



```

3494 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3495 \edef\LARGE{%
3496   \noexpand\@setfontsize\noexpand\LARGE
3497   {\the\@tempdima}{\the\@tempdimb}%
3498 }%
3499 \setlength{\@tempdima}{2.074\@tempdimc}%
3500 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3501 \edef\huge{%
3502   \noexpand\@setfontsize\noexpand\huge
3503   {\the\@tempdima}{\the\@tempdimb}%
3504 }%
3505 \setlength{\@tempdima}{2.488\@tempdimc}%
3506 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3507 \edef\Huge{%
3508   \noexpand\@setfontsize\noexpand\Huge
3509   {\the\@tempdima}{\the\@tempdimb}%
3510 }%
3511 \normalsize
3512 \setlength{\@tempdimb}{\f@baselineskip}%
3513 \xepersian@setlength{\parsep}%
3514   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3515 \xepersian@setlength{\topsep}%
3516   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3517 \@tempswafalse
3518 \begingroup
3519   \def\@list@extra{\aftergroup\@tempswatrue}%
3520   \csname @listi\endcsname
3521 \endgroup
3522 \edef\@listi{\leftmargin\leftmarginI
3523   \topsep \the\topsep
3524   \parsep \the\parsep
3525   \itemsep \parsep
3526   \if@tempswa\noexpand\@list@extra\fi
3527 }%
3528 \let\@listI\@listi
3529 \xepersian@setlength{\parsep}%
3530   {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3531 \xepersian@setlength{\topsep}%
3532   {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3533 \@tempswafalse
3534 \begingroup
3535   \def\@list@extra{\aftergroup\@tempswatrue}%
3536   \csname @listi\endcsname
3537 \endgroup
3538 \edef\@listi@small{\leftmargin\leftmarginI
3539   \topsep \the\topsep
3540   \parsep \the\parsep
3541   \itemsep \parsep
3542   \if@tempswa\noexpand\@list@extra\fi
3543 }%

```



```

3544 \xepersian@setlength{\parsep}%
3545         {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3546 \xepersian@setlength{\topsep}%
3547         {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}
3548 \@tempswafalse
3549 \begingroup
3550 \def\@list@extra{\aftergroup\@tempwattrue}%
3551 \csname @listi\endcsname
3552 \endgroup
3553 \edef\@listi@footnotesize{\leftmargin\leftmargini
3554 \topsep \the\topsep
3555 \parsep \the\parsep
3556 \itemsep \parsep
3557 \if@tempswa\noexpand\@list@extra\fi
3558 }%
3559 \xepersian@setlength{\parsep}%
3560         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3561 \xepersian@setlength{\topsep}%
3562         {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3563 \@tempswafalse
3564 \begingroup
3565 \def\@list@extra{\aftergroup\@tempwattrue}%
3566 \csname @listii\endcsname
3567 \endgroup
3568 \edef\@listii{\leftmargin\leftmarginii
3569 \labelwidth=\dimexpr \leftmargin-\labelsep
3570 \topsep \the\topsep
3571 \parsep \the\parsep
3572 \itemsep \parsep
3573 \if@tempswa\noexpand\@list@extra\fi
3574 }%
3575 \xepersian@setlength{\topsep}%
3576         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3577 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3578 \@tempswafalse
3579 \begingroup
3580 \def\@list@extra{\aftergroup\@tempwattrue}%
3581 \csname @listiii\endcsname
3582 \endgroup
3583 \edef\@listiii{\leftmargin\leftmarginiii
3584 \labelwidth=\dimexpr \leftmargin-\labelsep
3585 \topsep \the\topsep
3586 \parsep \z@
3587 \partopsep \the\partopsep
3588 \itemsep \topsep
3589 \if@tempswa\noexpand\@list@extra\fi
3590 }%
3591 \@tempswafalse
3592 \begingroup
3593 \def\@list@extra{\aftergroup\@tempwattrue}%

```



```

3594 \csname @listiv\endcsname
3595 \endgroup
3596 \edef\@listiv{\leftmargin\leftmarginiv
3597 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3598 \if@tempswa\noexpand\@list@extra\fi
3599 }%
3600 \@tempswafalse
3601 \begingroup
3602 \def\@list@extra{\aftergroup\@tempwattrue}%
3603 \csname @listv\endcsname
3604 \endgroup
3605 \edef\@listv{\leftmargin\leftmarginv
3606 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3607 \if@tempswa\noexpand\@list@extra\fi
3608 }%
3609 \@tempswafalse
3610 \begingroup
3611 \def\@list@extra{\aftergroup\@tempwattrue}%
3612 \csname @listvi\endcsname
3613 \endgroup
3614 \edef\@listvi{\leftmargin\leftmarginvi
3615 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3616 \if@tempswa\noexpand\@list@extra\fi
3617 }%
3618 \@listi
3619 \setlength{\@tempdimb}{\f@baselineskip}%
3620 \setlength{\footnotesep}{.555\@tempdimb}%
3621 \xepersian@setlength{\skip\footins}%
3622 { .75\@tempdimb}{.3333\@tempdimb}{.1667\@tempdimb}%
3623 \xepersian@setlength{\floatsep}%
3624 {\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3625 \xepersian@setlength{\textfloatsep}%
3626 {1.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3627 \setlength{\intextsep}{\floatsep}%
3628 \setlength{\dblfloatsep}{\floatsep}%
3629 \setlength{\dbltextfloatsep}{\textfloatsep}%
3630 \setlength{\@fptop}{\z@ \@plus 1fil}%
3631 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3632 \setlength{\@fpbot}{\@fptop}%
3633 \setlength{\@dblfpbot}{\@fptop}%
3634 \setlength{\@dblfpsep}{\@fpsep}%
3635 \setlength{\@dblfpbot}{\@fptop}%
3636 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3637 }
3638
3639 \renewcommand*{\@bidi@logo@}{%
3640 \@bidi@logo@hb@xt@columnwidth
3641 {\hss\bfseries
3642
3643 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}

```



[illegible]


```

3694 or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerr\fi\
3695 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3696 \let\harfinumeral\@harfi
3697 \newcommand{\adadi}[1]{%
3698 \expandafter\@adadi\csname c@#1\endcsname%
3699 }
3700 \newcommand{\@adadi}[1]{%
3701 \xepersian@numberstring{#1}\xepersian@yekanii{ }{ }%
3702 }
3703 \let\adadinumeral\@adadi%
3704 \def\xepersian@numberoutofrange#1#2{%
3705 \PackageError{xepersian}{The number `#1' is too large %
3706 to be formatted using xepersian}{The largest possible %
3707 number is 999,999,999.}%
3708 }
3709 \def\xepersian@numberstring#1#2#3#4{%
3710 \ifnum\number#1<\@ne%
3711 #3%
3712 \else\ifnum\number#1<1000000000 %
3713 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3714 \else%
3715 \xepersian@numberoutofrange{#1}{#4}%
3716 \fi\fi%
3717 }
3718 \def\xepersian@adadi#1#2{%
3719 \expandafter\xepersian@@adadi%
3720 \ifcase%
3721 \ifnum#1<10 1%
3722 \else\ifnum#1<100 2%
3723 \else\ifnum#1<\@m 3%
3724 \else\ifnum#1<\@M 4%
3725 \else\ifnum#1<100000 5%
3726 \else\ifnum#1<1000000 6%
3727 \else\ifnum#1<10000000 7%
3728 \else\ifnum#1<100000000 8%
3729 \else9%
3730 \fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi %
3731 \or00000000#1% case 1: Add 8 leading zeros
3732 \or0000000#1% case 2: Add 7 leading zeros
3733 \or000000#1% case 3: Add 6 leading zeros
3734 \or00000#1% case 4: Add 5 leading zeros
3735 \or0000#1% case 5: Add 4 leading zeros
3736 \or000#1% case 6: Add 3 leading zeros
3737 \or00#1% case 7: Add 2 leading zeros
3738 \or0#1% case 8: Add 1 leading zero
3739 \or#1% case 9: Add no leading zeros
3740 \or%
3741 \@nil#2%
3742 \fi%
3743 }

```



```

3744 \def\xepersian@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3745 \ifnum#1#2#3>\z@
3746 \xepersian@milyoongan#1#2#3%
3747 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3748 \fi%
3749 \ifnum#4#5#6>\z@%
3750 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3751 \ifnum#4#5#6>\@ne\fi%
3752 %
3753 \ifnum#7>\z@\ \fi%
3754 \fi%
3755 \xepersian@sadgan#7{#4#5#6}1#9%
3756 }
3757 \def\xepersian@milyoongan#1#2#3{%
3758 \ifnum#1#2#3=\@ne%
3759 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3760 %
3761 %
3762 \else%
3763 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3764 %
3765 %
3766 \fi%
3767 }
3768 \def\xepersian@sadgan#1#2#3#4#5#6{%
3769 \ifnum#1>\z@%
3770 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3771 %
3772 \ifnum#2#3>\z@\ \fi%
3773 \fi%
3774 \ifnum#2#3<20%
3775 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3776 \else%
3777 \xepersian@dahgan#2%
3778 \ifnum#3>\z@\ \xepersian@yekani#3\fi%
3779 #60%
3780 \fi%
3781 }
3782 \def\xepersian@yekani#1{%
3783 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3784 \or or\ or\ or\ or\ or\ or\ %
3785 \or or\ or\ or\ %
3786 \or or\ %fi\
3787 }
3788 \def\xepersian@yekanii#1{%
3789 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3790 }
3791 \def\xepersian@yekanii#1{%
3792 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3793 }

```



```

3794 \def\xepersian@yekaniv#1{%
3795 \ifcase#1\@empty\or\or or\ or\ or\ or\ %
3796 \or or\ or\ %fi\
3797 }
3798 \def\xepersian@dahgan#1{%
3799 \ifcase#1\or\or or\ or\ %
3800 \or or\ or\ or\ %
3801 \or %fi\
3802 }
3803 \newcommand{\tartibi}[1]{%
3804 \expandafter\@tartibi\csname c@#1\endcsname%
3805 }
3806 \newcommand{\@tartibi}[1]{%
3807 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{ }%
3808 }
3809 \let\tartibinumeral\@tartibi%
3810 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3811 \ifnum\number#1<\@ne%
3812 #3%
3813 \else\ifnum\number#1<1000000000 %
3814 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3815 \else%
3816 \xepersian@numberoutofrange{#1}{#4}%
3817 \fi\fi%
3818 }
3819 \def\xepersian@adadi@tartibi#1#2{%
3820 \expandafter\xepersian@@adadi@tartibi%
3821 \ifcase%
3822 \ifnum#1<10 1%
3823 \else\ifnum#1<100 2%
3824 \else\ifnum#1<\@m 3%
3825 \else\ifnum#1<\@M 4%
3826 \else\ifnum#1<100000 5%
3827 \else\ifnum#1<1000000 6%
3828 \else\ifnum#1<10000000 7%
3829 \else\ifnum#1<100000000 8%
3830 \else9%
3831 \fi\fi\fi\fi\fi\fi\fi\fi\fi %
3832 \or00000000#1% case 1: Add 8 leading zeros
3833 \or0000000#1% case 2: Add 7 leading zeros
3834 \or000000#1% case 3: Add 6 leading zeros
3835 \or00000#1% case 4: Add 5 leading zeros
3836 \or0000#1% case 5: Add 4 leading zeros
3837 \or000#1% case 6: Add 3 leading zeros
3838 \or00#1% case 7: Add 2 leading zeros
3839 \or0#1% case 8: Add 1 leading zero
3840 \or#1% case 9: Add no leading zeros
3841 \or%
3842 \@nil#2%
3843 \fi%

```



```

3844 }
3845 \def\xepersian@@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3846 \ifnum#1#2#3>\z@
3847 \xepersian@milyoongan@tartibi#1#2#3%
3848 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3849 \fi%
3850 \ifnum#4#5#6>\z@%
3851 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3852 \ifnum#4#5#6>\@ne \fi%
3853 %
3854 \ifnum#7>\z@\ \fi%
3855 \fi%
3856 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3857 }
3858 \def\xepersian@milyoongan@tartibi#1#2#3{%
3859 \ifnum#1#2#3=\@ne%
3860 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3861 %
3862 %
3863 \else%
3864 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3865 %
3866 %
3867 \fi%
3868 }
3869 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3870 \ifnum#1>\z@%
3871 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3872 %
3873 \ifnum#2#3>\z@\ \fi%
3874 \fi%
3875 \ifnum#2#3<20%
3876 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %\else#6{#2#3}\fi\fi\
3877 \else%
3878 \ifnum#2#3=30%
3879 \xepersian@dahgan@tartibi#2%
3880 \else%
3881 \xepersian@dahgan#2%
3882 \fi%
3883 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3884 #60%
3885 \fi%
3886 }
3887 \def\xepersian@dahgan@tartibi#1{%
3888 \ifcase#1\or\or or\ or\ %
3889 \or or\ or\ or\ %
3890 \or %fi\
3891 }
3892 \def\xepersian@tartibi#1{%
3893 \ifcase#1\or or\ or\ or\ %

```



```

3894 \or or\ or\ or\ or\ %
3895 \or or\ or\ or\ %
3896 \or or\ or\ %
3897 \or or\ or\ %fi\
3898 }
3899 \def\xepersian@yekanv#1{%
3900 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3901 \or or\ or\ or\ or\ or\ or\ %
3902 \or or\ or\ or\ %
3903 \or or\ %fi\
3904 }
3905 \providecommand*\xpg@warning}[1]{%
3906 \PackageWarning{XePersian}%
3907 {#1}}
3908 \if@bidi@csundef{@abjad}{%
3909 \def@abjad#1{%
3910 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3911 \else
3912 \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3913 \else
3914 \ifnum#1<10\expandafter\abj@num@i\number#1%
3915 \else
3916 \ifnum#1<100\expandafter\abj@num@ii\number#1%
3917 \else
3918 \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3919 \else
3920 \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3921 \fi
3922 \fi
3923 \fi
3924 \fi
3925 \fi
3926 \fi
3927 }
3928 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3929 \let\abjadnumeral\@abjad
3930 \def\abjad@zero{}
3931 \def\abj@num@i#1{%
3932 \ifcase#1\or or\ or\ or\ %
3933 \or or\ or\ or\ or\ fi\
3934 \ifnum#1=\z@\abjad@zero\fi}
3935 \def\abj@num@ii#1{%
3936 \ifcase#1\or or\ or\ or\ or\ %
3937 \or or\ or\ or\ fi\
3938 \ifnum#1=\z@\fi\abj@num@i}
3939 \def\abj@num@iii#1{%
3940 \ifcase#1\or or\ or\ or\ or\ %
3941 \or or\ or\ or\ fi\
3942 \ifnum#1=\z@\fi\abj@num@ii}
3943 \def\abj@num@iv#1{%

```



```

3944 \ifcase#1\or fi\
3945 \ifnum#1=\z@\fi\abj@num@iii}
3946 }{}
3947 \let\@latinalph\@alph%
3948 \let\@latinAlph\@Alph%
3949 \def\LatinAlphs{%
3950   \let\@alph\@latinalph%
3951   \let\@Alph\@latinAlph%
3952 }
3953 \def\thempfootnote{\itshape\@latinalph\c@mpfootnote}}
3954 \renewcommand*{\bidi@thebibliography@font@hook}{%
3955 \if@LTRbibitems
3956   \resetlatinfont
3957 \fi}
3958 \bidi@AfterEndPreamble{%
3959 \if@bidi@csundef{persianfont}{%
3960 \PackageError{xepersian}{You have not specified any font\MessageBreak
3961 for the main Persian text}{Use '\settextfont' to load a font.}%
3962 }{}
3963 \@ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3964 \@ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3965 \@ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3966 \@ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3967 \@ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3968 \@ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3969 \@ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3970 \@ifpackageloaded{fancyref}{\input{fancyref-xepersian.def}}{}
3971 \@ifpackageloaded{bidiuftesidenote}{\input{bidiuftesidenote-xepersian.def}}{}
3972 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3973 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3974 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3975 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3976 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3977 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3978 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3979 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3980 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3981 \@ifpackageloaded{tikz}{\input{tikz.code-xepersian.def}}{}
3982 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3983 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}{\input{tocloft-xepersian.def}}{}}{}
3984 \@ifpackageloaded{varioref}{\input{varioref-xepersian.def}}{}
3985 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3986 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3987 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3988 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3989 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3990 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3991 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3992 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3993 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}

```



```

3994 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3995 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3996 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3997 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3998 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3999 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
4000 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
4001 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}
4002 \@ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
4003 \@ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
4004 \@ifclassloaded{book}{\input{book-xepersian.def}}{}
4005 \@ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
4006 \@ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
4007 \@ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
4008
4009 \def\xepersian@@fontsize@branch#1{%
4010   \@tempcnta\z@
4011   \for\xepersian@tmp:=#1\do{%
4012     \KV@@sp@def\xepersian@frag{\xepersian@tmp}%
4013     \ifcase\@tempcnta\relax% cnta == 0
4014       \edef\xepersian@value{\xepersian@frag}%
4015       \setfontsize{\xepersian@frag}%
4016     \or% cnta == 1
4017       \setfontsize[\xepersian@frag]{\xepersian@value}%
4018     \else\fi
4019     \advance\@tempcnta\@ne}%
4020 }
4021
4022
4023 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
4024 \ifcase\xepersian@tempb\relax
4025   \AutoMathsDigits
4026 \or
4027   \DefaultMathsDigits
4028 \or
4029   \PersianMathsDigits
4030 \fi}
4031 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
4032 \ifcase\xepersian@tempb\relax
4033   \AutoInlineMathsDigits
4034 \or
4035   \DefaultInlineMathsDigits
4036 \or
4037   \PersianInlineMathsDigits
4038 \fi}
4039 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
4040 \ifcase\xepersian@tempb\relax
4041   \AutoDisplayMathsDigits
4042 \or
4043   \DefaultDisplayMathsDigits

```



```

4044 \or
4045 \PersianDisplayMathsDigits
4046 \fi}
4047 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4048 \ifcase\xepersian@tempb\relax
4049 \RTLtrue
4050 \or
4051 \RTLfalse
4052 \fi}
4053
4054 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
4055 \ifcase\xepersian@tempb\relax
4056 \RTLtrue
4057 \or
4058 \RTLfalse
4059 \fi}
4060
4061
4062 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
4063 \ifcase\xepersian@tempb\relax
4064 \RTLtabtrue
4065 \or
4066 \RTLtabfalse
4067 \fi}
4068
4069 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[latin]
4070 \ifcase\xepersian@tempb\relax
4071 \nonlatinfalse
4072 \or
4073 \nonlatintrue
4074 \fi}
4075
4076 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4077 \ifcase\xepersian@tempb\relax
4078 \RTLtrue
4079 \or
4080 \RTLfalse
4081 \fi}
4082 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,le
4083 \ifcase\xepersian@tempb\relax
4084 \autofootnoterule
4085 \or
4086 \leftfootnoterule
4087 \or
4088 \rightfootnoterule
4089 \or
4090 \SplitFootnoteRule
4091 \or
4092 \textwidthfootnoterule
4093 \fi}

```




```

4094 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{rightto}
4095 \ifcase\xepersian@tempb\relax
4096 \RTL@footnotetrue
4097 \or
4098 \RTL@footnotefalse
4099 \fi}
4100 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,off}
4101 \ifcase\xepersian@tempb\relax
4102 \footdir@debugtrue
4103 \or
4104 \footdir@debugfalse
4105 \fi}
4106 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4107 \ifcase\xepersian@tempb\relax
4108 \input{kashida-xepersian.def}
4109 \fi}
4110 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4111 \ifcase\xepersian@tempb\relax
4112 \@Kashida@XB@fixtrue
4113 \or
4114 \@Kashida@XB@fixfalse
4115 \fi}
4116 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4117 \ifcase\xepersian@tempb\relax
4118 \input{localise-xepersian.def}
4119 \fi}
4120 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4121 \ifcase\xepersian@tempb\relax
4122 \@extrafootnotefeaturestrue
4123 \or
4124 \@extrafootnotefeaturesfalse
4125 \fi}
4126 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4127 \ifcase\xepersian@tempb\relax
4128 \PackageWarning{xepersian}{Obsolete option}%
4129 \ifwritexviii%
4130 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with tl
4131 \renewcommand\printindex{\newpage%
4132 \immediate\closeout\@indexfile
4133 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4134 \@input@\jobname.ind}}}%
4135 \else
4136 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
4137 \fi
4138 \fi}
4139 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4140 \ifcase\xepersian@tempb\relax
4141 \ifwritexviii%
4142 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with tl
4143 \renewcommand\printindex{\newpage%

```



```

4144         \immediate\closeout\@indexfile
4145         \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobname
4146         \@input@{\jobname.ind}}}%
4147         \else
4148         \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4149         \fi
4150     \fi}
4151 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off}
4152 \ifcase\xepersian@tempb\relax
4153     \ifwritexviii%
4154     \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with tl
4155     \renewcommand\printindex{\newpage%
4156     \immediate\closeout\@indexfile
4157     \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4158     \@input@{\jobname.ind}}}%
4159     \else
4160     \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4161     \fi
4162 \fi}
4163 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
4164 \ifcase\xepersian@tempb\relax
4165     \def\PersianAlphs{%
4166     \let\@alph\@abjad%
4167     \let\@Alph\@abjad%
4168     }
4169 \or
4170     \def\PersianAlphs{%
4171     \let\@alph\@Abjad%
4172     \let\@Alph\@Abjad%
4173     }
4174 \fi}
4175 \DeclareOptionX{defaultlatinfontfeatures}{%
4176 \defaultfontfeatures
4177 [\latinfont]
4178 {#1}
4179 }
4180
4181 \DeclareOptionX{mathfontsizescale}{%
4182 \def\xepersian@@math@fontsize@scale{#1}%
4183 }
4184
4185 \DeclareOptionX{fontsizescale}{%
4186 \def\xepersian@@fontsize@scale{#1}%
4187 }
4188
4189 \DeclareOptionX{fontsize}{%
4190 \xepersian@@fontsize@branch{#1}%
4191 }
4192
4193 \DeclareOptionX{latinfontsizescale}{%

```



```

4194 \def\xepersian@@latin@fontsize@scale{#1}%
4195 }
4196
4197 \DeclareOptionX{baselineskip@scale}{%
4198 \def\xepersian@@baselineskip@scale{#1}%
4199 }
4200
4201 \DeclareOptionX{latinbaselineskip@scale}{%
4202 \def\xepersian@@latin@baselineskip@scale{#1}%
4203 }
4204
4205 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4206 \ifcase\xepersian@tempb\relax
4207 \AtBeginDocument{\@bidi@inslogo}%
4208 \or
4209 \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
4210 \fi}
4211
4212 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4213 \ifcase\xepersian@tempb\relax
4214 \@bidi@pdfm@marktrue
4215 \or
4216 \@bidi@pdfm@markfalse
4217 \fi}
4218
4219 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4220 \ifcase\xepersian@tempb\relax
4221 \@xepersian@@computeautoilgtrue
4222 \or
4223 \@xepersian@@computeautoilgfalse
4224 \fi}
4225
4226 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4227 \ifcase\xepersian@tempb\relax
4228 \def\bidi@firstcolumn@status@write{%
4229 \protected@write\@auxout{%
4230 {\string\bidi@column@status
4231 {1}}}%
4232 \def\bidi@lastcolumn@status@write{%
4233 \protected@write\@auxout{%
4234 {\string\bidi@column@status{2}}}%
4235 \or
4236 \let\bidi@firstcolumn@status@write\relax
4237 \let\bidi@lastcolumn@status@write\relax
4238 \fi}
4239
4240
4241 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4242 \ifcase\xepersian@tempb\relax
4243 \bidi@AtEndPreamble{%

```



```

4244     \bidi@patchcmd{\xepersian@start@switch@textdigitfont}%
4245     {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{}{}%
4246   }
4247   \or
4248   \relax
4249   \fi}
4250
4251 \define@choicekey{xepersian.sty}{perpagefootnote}[\xepersian@tempa\xepersian@tempb]{on,off}[on]
4252 \ifcase\xepersian@tempb\relax
4253   \@bidi@perpage@footnotetrue
4254 \or
4255   \@bidi@perpage@footnotefalse
4256 \fi}
4257
4258 \ExplSyntaxOn
4259 \bool_new:N \l__xepersian_fontsloadable_bool
4260 \define@choicekey{xepersian.sty}{fontsloadable}[\xepersian@tempa\xepersian@tempb]{true,false}
4261 \ifcase\xepersian@tempb\relax
4262   \bool_set_true:N \l__xepersian_fontsloadable_bool
4263 \or
4264   \bool_set_false:N \l__xepersian_fontsloadable_bool
4265 \fi}
4266 \ExplSyntaxOff
4267
4268 \ExecuteOptionsX{%
4269   fontsloadable=false,
4270   documentdirection=righttoleft,
4271   tabledirection=righttoleft,
4272   script=nonlatin,
4273   footnotedirection=righttoleft,
4274   footnoterule=automatic,
4275   abjadvariant=two,
4276   DetectColumn=off,
4277   fontssizescale=\@ne,
4278   latinfontssizescale=\@ne,
4279   mathfontssizescale=\@ne,
4280   baselineskipsscale=\@ne,
4281   latinbaselineskipsscale=\@ne
4282 }
4283
4284 \ProcessOptionsX
4285
4286 \if@extrafootnotefeatures
4287   \input{extrafootnotefeatures-xetex-bidi.def}%
4288   \input{extrafootnotefeatures-xepersian.def}%
4289 \fi
4290
4291 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
4292   \@tempdimb\xepersian@fontsize@scale\dimexpr#2pt\relax
4293 }{}{}

```



```

4294
4295 \bidi@patchcmd{\set@fontsize}{\@tempskipa#3pt}{%
4296   \@tempskipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
4297 }{}{}
4298
4299
4300 \newcommand*{\xepersian@@update@math@fontsize}[1]{%
4301   \strip@pt\dimexpr\xepersian@@math@fontsize@scale
4302   \dimexpr 1pt * \dimexpr #1 pt\relax /
4303   \dimexpr \xepersian@@fontsize@scale pt\relax
4304   \relax\relax
4305 }
4306
4307 \bidi@patchcmd{\getanddefine@fonts}{%
4308   \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
4309 }{%
4310   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
4311 }{}{}
4312
4313 \bidi@patchcmd{\getanddefine@fonts}{%
4314   \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
4315 }{%
4316   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sf@size\endcsname}%
4317 }{}{}
4318
4319 \bidi@patchcmd{\getanddefine@fonts}{%
4320   \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
4321 }{%
4322   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\ssf@size\endcsname}%
4323 }{}{}
4324
4325
4326 \if\xepersian@@computeautoilg
4327 \bidi@patchcmd{\set@fontsize}{%
4328   \baselineskip\f@baselineskip\relax
4329 }{%
4330   \baselineskip\f@baselineskip\relax
4331   \xepersian@computeautoilg
4332   \ifdim\xepersian@strutilg>\baselineskip
4333     \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
4334     \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
4335     \baselineskip\xepersian@strutilg
4336     \ifdim\footnotesep=.7\baselineskip
4337       \else
4338         \footnotesep.7\baselineskip
4339       \fi
4340     \fi
4341 }{}{}
4342 \fi
4343

```



```

4344 \setlatintextfont [Path,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-bolditalic},ItalicFont={lmroman10-italic}]
4345 \PersianAlphs

```

60 File xepersian-magazine.cls

```

4346 \NeedsTeXFormat{LaTeX2e}
4347 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
4348 \RequirePackage{ifthen}
4349 \newlength{\xepersian@imgsize}
4350 \newlength{\xepersian@coltitsize}
4351 \newlength{\xepersian@pageneed}
4352 \newlength{\xepersian@pageleft}
4353 \newlength{\xepersian@indexwidth}
4354 \newcommand{\xepersian@ncolumns}{0}
4355 \newlength{\columnlines}
4356 \setlength{\columnlines}{0 pt} % no lines by default
4357 \newboolean{xepersian@hyphenatedtitles}
4358 \setboolean{xepersian@hyphenatedtitles}{true}
4359 \newboolean{xepersian@ninepoints}
4360 \setboolean{xepersian@ninepoints}{false}
4361 \newboolean{xepersian@showgrid}
4362 \setboolean{xepersian@showgrid}{false}
4363 \newboolean{xepersian@a3paper}
4364 \setboolean{xepersian@a3paper}{false}
4365 \newboolean{xepersian@insidefrontpage}
4366 \setboolean{xepersian@insidefrontpage}{false}
4367 \newboolean{xepersian@insideweather}
4368 \setboolean{xepersian@insideweather}{false}
4369 \newboolean{xepersian@insideindex}
4370 \setboolean{xepersian@insideindex}{false}
4371 \newcount\xepersian@gridrows
4372 \newcount\xepersian@gridcolumns
4373 \xepersian@gridrows=40
4374 \xepersian@gridcolumns=50
4375 \newcount\minraggedcols
4376 \minraggedcols=5
4377 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4378 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4379 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4380 \DeclareOption{twocolumn}{%
4381 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4382 \DeclareOption{notitlepage}{%
4383 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4384 \DeclareOption{twoside}{%
4385 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4386 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4387 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4388 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4389 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4390 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}

```



```

4391 \ProcessOptions\relax
4392 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4393 \RequirePackage{ifxetex}
4394 \RequirePackage{multido}
4395 \RequirePackage{datetime}
4396 \RequirePackage{multicol}
4397 \RequirePackage{fancyhdr}
4398 \RequirePackage{fancybox}
4399 \ifthenelse{\boolean{xepersian@a3paper}}{%
4400 \RequirePackage[a3paper,headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4401 }{
4402 \RequirePackage[headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4403 }
4404 \RequirePackage[absolute]{textpos} % absolute positioning
4405 \RequirePackage{hyphenat} % when hyphenate
4406 \RequirePackage{lastpage} % to know the last page number
4407 \RequirePackage{setspace} % set space between lines
4408 \RequirePackage{ragged2e}
4409 \newcommand{\raggedFormat}{\RaggedLeft}
4410 \AtEndOfClass{\xepersianInit}
4411 \ifthenelse{\boolean{xepersian@showgrid}}{%
4412 \AtBeginDocument{
4413 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4414 \advance\minraggedcols by -1
4415 }{%
4416 \AtBeginDocument{
4417 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4418 \advance\minraggedcols by -1
4419 }
4420 \ifthenelse{\boolean{xepersian@ninepoints}}{
4421 \renewcommand{\normalsize}{%
4422 \setfontsize{\normalsize}{9pt}{10pt}%
4423 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4424 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4425 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4426 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4427
4428 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4429
4430 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4431
4432 \renewcommand{\small}{%
4433 \setfontsize{\small}{8pt}{9pt}%
4434 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4435 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4436 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4437 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4438
4439 \renewcommand{\footnotesize}{%
4440 \setfontsize{\footnotesize}{8pt}{9pt}%

```



```

4441 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4442 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4443 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4444 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4445
4446 \renewcommand{\large}{\@setfontsize{\large}{11pt}{13pt}}
4447 \renewcommand{\Large}{\@setfontsize{\Large}{14pt}{18pt}}
4448 \renewcommand{\LARGE}{\@setfontsize{\LARGE}{18pt}{20pt}}
4449 \renewcommand{\huge}{\@setfontsize{\huge}{20pt}{25pt}}
4450 \renewcommand{\Huge}{\@setfontsize{\Huge}{25pt}{30pt}}
4451 {}
4452 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4453 \newcommand{\xepersian@wwwFormat}{\sffamily}
4454 \newcommand{\xepersian@www}{%
4455 \raisebox{-3pt}{\{\xepersian@wwwFormat\@customwwwTxt}}
4456 }
4457 \newcommand{\xepersian@edition}{ {
4458 \newcommand{\editionFormat}{\large\bfseries\texttt}
4459 \newcommand{\xepersian@editionLogo}{%
4460 \raisebox{-3pt}{%
4461 {\editionFormat\xepersian@edition}%
4462 }%
4463 }
4464 \newcommand{\indexFormat}{\large\bfseries}
4465 \newcommand{\xepersian@indexFrameTitle}[1]
4466 {\begin{flushright}{\indexFormat #1}\end{flushright}}
4467
4468 \newcommand{\indexEntryFormat}{\normalsize}
4469 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4470 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4471 \end{minipage}}
4472 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4473 \newcommand{\indexEntryPageTxt}{ }
4474 \newcommand{\indexEntryPageFormat}{\footnotesize}
4475 \newcommand{\xepersian@indexEntryPage}[1]{%
4476 {\indexEntryPageFormat{\indexEntryPageTxt{~#1}}%
4477 }
4478 \newcommand{\headDateTimeFormat}{ }
4479 \newcommand{\xepersian@headDateTime}{%
4480 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4481 \currenttime %
4482 }
4483 \newcommand{\weatherFormat}{\bfseries}
4484 \newcommand{\xepersian@weather}[1]{%
4485 \noindent{\weatherFormat #1}%
4486 }
4487 \newcommand{\weatherTempFormat}{\small}
4488 \newcommand{\weatherUnits}{\textdegree{C}}
4489 \newcommand{\xepersian@section}[0]{ {
4490 \newcommand{\xepersian@headleft}{%

```




```

4491 {\small\bfseries \@custommagazinename} \date
4492 }
4493 \newcommand{\xepersian@headcenter}{\%
4494 \xepersian@section{
4495 }
4496 \newcommand{\xepersian@headright}{\%
4497 \small\xepersian@edition%
4498 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4499 }
4500
4501 \newcommand{\heading}[3]{\%
4502 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4503 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4504 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4505 }
4506 \newcommand{\xepersian@footright}{\%
4507 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4508 }
4509 \newcommand{\xepersian@footcenter}{\%
4510 }
4511 \newcommand{\xepersian@footleft}{\%
4512 }
4513
4514 \newcommand{\foot}[3]{\%
4515 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4516 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4517 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4518 }
4519 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4520 \newcommand{\xepersian@firstTitle}[1]{\%
4521 {\%
4522 \begin{spacing}{2.0}{\%
4523 \noindent\ignorespaces
4524 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{\%
4525 {\nohyphens{\firstTitleFormat #1}}{\%
4526 {\firstTitleFormat #1}}{\%
4527 }{\%
4528 \end{spacing}}{\%
4529 }{\%
4530 }
4531 \newcommand{\firstTextFormat}{\%
4532 \newcommand{\xepersian@firstText}[1]{\%
4533 {\noindent\ignorespaces\firstTextFormat #1}\%
4534 }
4535 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4536 \newcommand{\xepersian@secondTitle}[1]{\%
4537 \begin{spacing}{1.5}{\%
4538 \noindent\ignorespaces\flushright
4539 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{\%
4540 {\nohyphens{\secondTitleFormat #1}}{\%

```



```

4541 {{\secondTitleFormat #1}}%
4542 }\end{spacing}%
4543 }
4544 \newcommand{\secondSubtitleFormat}{\large}
4545 \newcommand{\xepersian@secondSubtitle}[1]{%
4546 {\noindent\ignorespaces{\secondSubtitleFormat #1}}%
4547 }
4548 \newcommand{\secondTextFormat}{}
4549 \newcommand{\xepersian@secondText}[1]{%
4550 \begin{multicols}{2}
4551 {\noindent\ignorespaces\secondTextFormat #1}
4552 \end{multicols}
4553 }
4554 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4555 \newcommand{\xepersian@thirdTitle}[1]{%
4556 \begin{spacing}{1.5}{%
4557 \noindent\ignorespaces\flushright
4558 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4559 {\nohyphens{\thirdTitleFormat #1}}%
4560 {{\thirdTitleFormat #1}}%
4561 }\end{spacing}%
4562 }
4563 \newcommand{\thirdSubtitleFormat}{\large}
4564 \newcommand{\xepersian@thirdSubtitle}[1]{%
4565 {{\noindent\ignorespaces\thirdSubtitleFormat #1}}
4566 \newcommand{\thirdTextFormat}{}
4567 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}}
4568 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4569 \newcommand{\xepersian@pictureCaption}[1]{%
4570 {\noindent\pictureCaptionFormat #1}%
4571 }
4572 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4573 \newcommand{\xepersian@pages}[1]{%
4574 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4575 \newcommand{\innerTitleFormat}{\Huge}
4576 \newcommand{\xepersian@innerTitle}[1]{%
4577 \begin{flushright}{%
4578 \noindent
4579 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4580 {\nohyphens{\innerTitleFormat #1}}%
4581 {{\innerTitleFormat #1}}%
4582 }%
4583 \\\%
4584 \end{flushright}%
4585 }
4586 \newcommand{\innerSubtitleFormat}{\large}
4587 \newcommand{\xepersian@innerSubtitle}[1]{\innerSubtitleFormat #1}}
4588 \newcommand{\timestampTxt}{}
4589 \newcommand{\timestampSeparator}{}
4590 \newcommand{\timestampFormat}{\small}

```



```

4591 \newcommand{\timestamp}[1]{%
4592 {\timestampFormat%
4593 #1~\timestampTxt{}}%
4594 }~\timestampSeparator{}}%
4595 }
4596 \newcommand{\innerAuthorFormat}{\footnotesize}
4597 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4598 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4599 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4600 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4601 \newcommand{\editorialAuthorFormat}{\textsc}
4602 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4603 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}}
4604 \newcommand{\shortarticleSubtitleFormat}{\Large}
4605 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}}
4606 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4607 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}}
4608 \renewcommand{\maketitle}{\begin{titlepage}%
4609   \let\footnotesize\small
4610   \let\footnoterule\relax
4611   \let \footnote \thanks
4612   \null\vfil
4613   \vskip 60\p@
4614   \begin{center}%
4615     {\LARGE \@title \par}%
4616     \vskip 1em%
4617     {\LARGE «\xepersian@edition» \par}%
4618     \vskip 3em%
4619     {\large
4620       \lineskip .75em%
4621       \begin{tabular}[t]{c}%
4622         \@author
4623       \end{tabular}\par}%
4624       \vskip 1.5em%
4625       {\large \@date \par}%
4626     \end{center}\par
4627     \@thanks
4628     \vfil\null
4629     \end{titlepage}%
4630     \setcounter{footnote}{0}%
4631     \global\let\thanks\relax
4632     \global\let\maketitle\relax
4633     \global\let\@thanks\@empty
4634     \global\let\@author\@empty
4635     \global\let\@date\@empty
4636     \global\let\@title\@empty
4637     \global\let\title\relax
4638     \global\let\author\relax
4639     \global\let\date\relax
4640     \global\let\and\relax

```



```

4641 }
4642 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4643 \newsavebox{\xepersian@fmbox}
4644 \newenvironment{xepersian@fmpage}[1]
4645 {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4646 {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4647 \newcommand{\image}[2]{
4648 \vspace{5pt}
4649 \setlength{\fboxsep}{1pt}
4650 \addtolength{\xepersian@imgsize}{\columnwidth}
4651 \addtolength{\xepersian@imgsize}{-1\columnsep}
4652 \ifxetex
4653 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4654 \addtolength{\xepersian@pageneed}{50pt}
4655 \ClassWarning{xepersian-magazine}{%
4656 Image #1 needs: \the\xepersian@pageneed \space %
4657 and there is left: \the\page@free\space%
4658 }
4659 \ifdim \xepersian@pageneed < \page@free
4660
4661 {\centering\fbox{%
4662 \includegraphics[width = \xepersian@imgsize,
4663 height = \xepersian@imgsize,
4664 keepaspectratio ]{#1}}}
4665 \xepersian@pictureCaption{#2}
4666
4667 \vspace{5pt}
4668 \else
4669 \ClassWarning{Image #1 needs more space!%
4670 It was not inserted!}
4671 \fi
4672 \fi
4673 }
4674 \textblockorigin{1cm}{1cm}
4675 \newdimen\xepersian@dx
4676 \newdimen\xepersian@dy
4677 \newcount\xepersian@cx
4678 \newcount\xepersian@cy
4679 \newcommand{\grid}[3][ ]{
4680 \xepersian@dx=\textwidth%
4681 \xepersian@dy=\textheight%
4682 \xepersian@cx=#3% %columns
4683 \xepersian@cy=#2% %rows
4684
4685 \count1=#3%
4686 \advance\count1 by 1
4687
4688 \count2=#2%
4689 \advance\count2 by 1
4690

```



```

4691 \divide\xepersian@dx by #3
4692 \divide\xepersian@dy by #2
4693
4694 \setlength{\TPHorizModule}{\xepersian@dx}
4695 \setlength{\TPVertModule}{\xepersian@dy}
4696
4697 \ifthenelse{\equal{#1}{show}}{
4698 \multido{\xepersian@nrow=0+1}{\count2}{
4699 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4700 \rule[0pt]{\textwidth}{.1pt}
4701 \end{textblock}
4702 }
4703
4704 \multido{\xepersian@ncol=0+1}{\count1}{
4705 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4706 \rule[0pt]{.1pt}{\textheight}
4707 \end{textblock}
4708 }
4709 }{}
4710 }
4711 \newcommand{\xepersianInit}{
4712 \setlength{\headheight}{14pt}
4713 \renewcommand{\headrulewidth}{0.4pt}
4714
4715 \pagestyle{fancy}
4716
4717 \setlength{\columnseprule}{\columnlines}
4718 \setlength{\fboxrule}{0.1 pt}
4719
4720 }
4721
4722 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4723 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4724 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4725 \newcommand{\logo}[0]{
4726 %% Heading %%
4727 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4728
4729 \vspace*{-3pt}
4730
4731 {\Large\bfseries \@customlogo}
4732 \hrulefill
4733 \hspace{10pt}\xepersian@headDateTime
4734
4735 }
4736 \newcommand{\minilogo}[0]{
4737 {\large\bfseries \@customminilogo}
4738
4739 \vspace*{5pt}
4740 }

```



```

4741 \newcommand{\mylogo}[1]{
4742 {\beginR#1\endR}
4743
4744 \noindent
4745 \xepersian@editionLogo\hspace{5pt}
4746 \hrulefill
4747 \hspace{5pt}\xepersian@headDateTime
4748 }
4749 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4750 \newenvironment{frontpage}[0]
4751 {
4752 \setboolean{xepersian@insidefrontpage}{true}
4753 \thispagestyle{empty}
4754 \logo
4755
4756 }%
4757 {
4758 \thispagestyle{empty}
4759 \clearpage
4760 \newpage
4761 \fancyhead{}
4762 \fancyfoot{}
4763 \fancyhead[RO,LE]{\beginR\xepersian@headright\endR}
4764 \fancyhead[LO,RE]{\beginR\xepersian@headleft\endR}
4765 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4766 \fancyfoot[RO,LE]{\beginR\xepersian@footright\endR}
4767 \fancyfoot[LO,RE]{\beginR\xepersian@footleft\endR}
4768 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4769 \renewcommand{\headrulewidth}{0.4pt}
4770 \setboolean{xepersian@insidefrontpage}{false}
4771
4772 }
4773 \newcommand{\firstarticle}[3]
4774 {
4775 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4776 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4777 \begin{textblock}{24}(22,5)
4778 }
4779 {
4780 \begin{textblock}{28}(22,5)
4781 }
4782 \vspace{-7pt}
4783 \xepersian@firstTitle{#1}
4784 \end{textblock}
4785 \begin{textblock}{29}(22,10)
4786 \vspace{5pt plus 2pt minus 2pt}
4787
4788 \xepersian@firstText{\timestamp{#3}~#2}
4789
4790 \end{textblock}

```



```

4791
4792 \begin{textblock}{50}(0,15)
4793 \rule{50\TPHorizModule}{.3pt}
4794 \end{textblock}
4795 }{%else
4796 \ClassError{xepersian-magazine}{%
4797 \protect\firstarticle\space in a wrong place.\MessageBreak
4798 \protect\firstarticle\space may only appear inside frontpage environment.
4799 }{%
4800 \protect\firstarticle\space may only appear inside frontpage environment.
4801 }%
4802 }
4803 }
4804 \newcommand{\secondarticle}[5]
4805 {
4806 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4807 \begin{textblock}{33}(2,16)
4808 \xepersian@pages{#4}
4809 \vspace{-5pt}
4810 \xepersian@secondTitle{#1}
4811
4812 \vspace*{5pt}
4813
4814 \xepersian@secondSubtitle{#2}
4815
4816 \vspace*{-7pt}
4817
4818 \xepersian@secondText{\timestamp{#5}~#3}
4819
4820 \end{textblock}
4821
4822 \begin{textblock}{33}(2,25)
4823 \vspace{5pt plus 2pt minus 2pt}
4824
4825 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4826 \end{textblock}
4827 }{%else
4828 \ClassError{xepersian-magazine}{%
4829 \protect\secondarticle\space in a wrong place.\MessageBreak
4830 \protect\secondarticle\space may only appear inside frontpage environment.
4831 }{%
4832 \protect\secondarticle\space may only appear inside frontpage environment.
4833 }%
4834 }
4835 }
4836 \newcommand{\thirdarticle}[6]
4837 {
4838 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4839 \begin{textblock}{32}(2,26)
4840 \xepersian@pages{#5}

```



```

4841 \vspace{-5pt}
4842 \setlength{\fboxsep}{1pt}
4843 \xepersian@thirdTitle{#1}
4844
4845 \vspace*{5pt}
4846
4847 \xepersian@thirdSubtitle{#2}
4848
4849 \vspace*{5pt}
4850
4851 {\noindent\ignorespaces %
4852 \ifthenelse{\equal{#4}{}}{}}
4853
4854 \xepersian@thirdText{\timestamp{#6}~#3}
4855
4856 }
4857
4858 \vspace*{5pt}
4859
4860 \end{textblock}
4861 }{%else
4862 \ClassError{xepersian-magazine}{%
4863 \protect\thirdarticle\space in a wrong place.\MessageBreak
4864 \protect\thirdarticle\space may only appear inside frontpage environment.
4865 }{%
4866 \protect\thirdarticle\space may only appear inside frontpage environment.
4867 }%
4868 }
4869 }
4870 \newcommand{\firstimage}[2]
4871 {
4872 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4873 \begin{textblock}{18}(2,5)
4874 \setlength{\fboxsep}{1pt}
4875 \ifxetex % only in PDF
4876 \noindent\fbbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4877 \fi
4878
4879 \xepersian@pictureCaption{#2}
4880 \end{textblock}%
4881 }
4882 {\ClassError{xepersian-magazine}{%
4883 \protect\firstimage\space in a wrong place.\MessageBreak
4884 \protect\firstimage\space may only appear inside frontpage environment.
4885 }{%
4886 \protect\firstimage\space may only appear inside frontpage environment.
4887 }}
4888 }%
4889 \newcommand{\weatheritem}[5]{%
4890 \ifthenelse{\boolean{xepersian@insideweather}}{

```




```

4891 \begin{minipage}{45pt}
4892 \ifxetex
4893 \includegraphics[width=40pt]{#1}
4894 \fi
4895 \end{minipage}
4896 \begin{minipage}{50pt}
4897 \weatherTempFormat
4898 #2\\
4899 \beginL#3 $\mid$ #4 \lr{\weatherUnits{}}\endL\\
4900 #5
4901 \end{minipage}
4902 }{%else
4903 \ClassError{xepersian-magazine}{%
4904 \protect\weatheritem\space in a wrong place.\MessageBreak
4905 \protect\weatheritem\space may only appear inside weatherblock environment.
4906 }{%
4907 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4908 weatherblock environment may only appear inside frontpage environment.
4909 }%
4910 }
4911 }
4912 \newenvironment{weatherblock}[1]
4913 {
4914 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4915 \setboolean{xepersian@insideweather}{true}
4916 \begin{textblock}{32}(2,38)
4917 \vspace*{-15pt}
4918
4919 \xepersian@weather{\beginR#1\endR}
4920
4921 \vspace*{5pt}
4922
4923 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4924 \begin{minipage}{32\TPHorizModule}
4925 \hspace{5pt}
4926
4927 }{%
4928 \ClassError{xepersian-magazine}{%
4929 weatherblock in a wrong place.\MessageBreak
4930 weatherblock may only appear inside frontpage environment.
4931 }{%
4932 weatherblock may only appear inside frontpage environment.
4933 }
4934 }
4935 }%
4936 {
4937 \end{minipage}
4938 \end{xepersian@fmpage}
4939 \end{textblock}
4940 \setboolean{xepersian@insideweather}{false}

```



```

4941 }
4942 \newenvironment{authorblock}[0]
4943 {
4944 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4945 \begin{textblock}{15}(36,35)
4946 \setlength{\fboxsep}{5pt}
4947 \begin{xepersian@fmpage}{13\TPHorizModule}
4948 \begin{minipage}{13\TPHorizModule}
4949 \centering
4950 \minilogo
4951
4952 }{%else
4953 \ClassError{xepersian-magazine}{%
4954 authorblock in a wrong place.\MessageBreak
4955 authorblock may only appear inside frontpage environment.
4956 }{%
4957 authorblock may only appear inside frontpage environment.
4958 }
4959 }
4960 }
4961 {
4962 \end{minipage}
4963 \end{xepersian@fmpage}
4964 \end{textblock}
4965 }
4966 \newenvironment{indexblock}[1]
4967 {
4968 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4969 \setboolean{xepersian@insideindex}{true}%let's in
4970 \begin{textblock}{15}(36,16)
4971 \setlength{\xepersian@indexwidth}{13\TPHorizModule}
4972 \xepersian@indexFrameTitle{#1}
4973
4974 \setlength{\fboxsep}{5pt} %espacio entre el frame y la imagen
4975 \begin{xepersian@fmpage}{\xepersian@indexwidth}
4976 \begin{minipage}{\xepersian@indexwidth}
4977 \vspace*{10pt}
4978 }{%else
4979 \ClassError{xepersian-magazine}{%
4980 indexblock in a wrong place.\MessageBreak
4981 indexblock may only appear inside frontpage environment.
4982 }{%
4983 indexblock may only appear inside frontpage environment.
4984 }
4985 }
4986 }%
4987 {
4988 \end{minipage}
4989 \end{xepersian@fmpage}
4990 \end{textblock}

```



```

4991 \setboolean{xepersian@insideindex}{false}%let's out
4992 }
4993 \newcommand{\indexitem}[2]
4994 {
4995 \ifthenelse{\boolean{xepersian@insideindex}}{
4996 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4997
4998 \vspace{0.5cm}
4999
5000 \noindent\ignorespaces\indexEntrySeparator{
5001 }{%else
5002 \ClassError{xepersian-magazine}{%
5003 \protect\indexitem\space in a wrong place.\MessageBreak
5004 \protect\indexitem\space may only appear inside indexblock environment.
5005 }{%
5006 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
5007 indexblock environment may only appear inside frontpage environment.
5008 }%
5009 }
5010 }
5011 \newcommand{\xepersian@inexpandedtitle}[1]{
5012 \begin{minipage}{.95\textwidth}
5013 \begin{center}
5014 \noindent\Large\textbf{\beginR#1\endR}
5015 \end{center}
5016 \end{minipage}
5017 }
5018 \newcommand{\expandedtitle}[2]{
5019 \end{multicols}
5020
5021 \begin{center}
5022 \setlength{\fboxsep}{5pt}
5023 \setlength{\shadowsize}{2pt}
5024 \ifthenelse{\equal{#1}{shadowbox}}{%
5025 \shadowbox{
5026 \xepersian@inexpandedtitle{#2}%
5027 }%
5028 }{
5029 \ifthenelse{\equal{#1}{doublebox}}{%
5030 \doublebox{
5031 \xepersian@inexpandedtitle{#2}%
5032 }%
5033 }{
5034 \ifthenelse{\equal{#1}{ovalbox}}{%
5035 \ovalbox{
5036 \xepersian@inexpandedtitle{#2}%
5037 }%
5038 }{
5039 \ifthenelse{\equal{#1}{Ovalbox}}{%
5040 \Ovalbox{

```



```

5041 \xepersian@inexpandedtitle{#2}%
5042 }%
5043 }{}
5044 \ifthenelse{\equal{#1}{lines}}{
5045 \hrule
5046 \vspace*{8pt}
5047 \begin{center}
5048 \noindent\Large\textbf{#2}
5049 \end{center}
5050 \vspace*{8pt}
5051 \hrule
5052 }{}
5053 \end{center}
5054
5055 \begin{multicols}{\xepersian@ncolumns}}
5056 \ifnum \xepersian@ncolumns > \minraggedcols
5057 \raggedFormat
5058 \fi
5059 }
5060 \newcommand{\xepersian@incolumntitle}[2]{
5061 \begin{minipage}{#1}
5062 \begin{center}
5063 \noindent\normalsize\textbf{#2}
5064 \end{center}
5065 \end{minipage}
5066 }
5067
5068 \newcommand{\columnntitle}[2]{
5069 \vspace*{5pt}
5070 \begin{center}
5071 \setlength{\fboxsep}{5pt}
5072 \setlength{\shadowsize}{2pt}
5073 \addtolength{\xepersian@coltitsize}{\columnwidth}
5074 \addtolength{\xepersian@coltitsize}{-1\columnsep}
5075 \addtolength{\xepersian@coltitsize}{-5pt}
5076 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
5077 \ifthenelse{\equal{#1}{shadowbox}}{%
5078 \shadowbox{%
5079 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5080 }%
5081 }{}
5082 \ifthenelse{\equal{#1}{doublebox}}{%
5083 \doublebox{%
5084 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5085 }%
5086 }{}
5087 \ifthenelse{\equal{#1}{ovalbox}}{%
5088 \ovalbox{%
5089 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5090 }%

```



```

5091 }{}
5092 \ifthenelse{\equal{#1}{Ovalbox}}{%
5093 \Ovalbox{%
5094 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5095 }%
5096 }{}
5097 \ifthenelse{\equal{#1}{lines}}{
5098 \hrule
5099 \vspace*{5pt}
5100 \begin{center}
5101 \noindent\normalsize\textbf{#2}
5102 \end{center}
5103 \vspace*{5pt}
5104 \hrule
5105 }{}
5106 \end{center}
5107 }
5108 \renewcommand{\date}{%
5109 \longdate{\today}%
5110 }
5111 \newcommand{\authorandplace}[2]{%
5112 \rightline{%
5113 {\innerAuthorFormat #1},\space{}\{\innerPlaceFormat #2}%
5114 }%
5115 \par %
5116 }
5117 \newcommand{\newsection}[1]{
5118 \renewcommand{\xepersian@section}{#1}
5119 }
5120 \newenvironment{article}[5]
5121 {
5122 \xepersian@say{Adding a new piece of article}
5123 \renewcommand{\xepersian@ncolumns}{#1}
5124 \begin{multicols}{#1}[
5125 \xepersian@pages{#4}
5126 \xepersian@innerTitle{#2}%
5127 \xepersian@innerSubtitle{#3}%
5128 ][4cm]%
5129 \label{#5}
5130 \ifnum #1 > \minraggedcols
5131 \raggedFormat
5132 \fi
5133 }
5134 {-\innerTextFinalMark{}
5135 \end{multicols}
5136 }
5137 \newcommand{\articlesep}{%
5138 \setlength{\xepersian@pageneed}{16000pt}
5139 \setlength{\xepersian@pageleft}{\pagegoal}
5140 \addtolength{\xepersian@pageleft}{-\pagetotal}

```



```

5141
5142 \xepersian@say{How much left \the\xepersian@pageleft}
5143
5144 \ifdim \xepersian@pageneed < \xepersian@pageleft
5145 \xepersian@say{Not enough space}
5146 \else
5147 \xepersian@say{Adding sep line between articles}
5148 \vspace*{10pt plus 10pt minus 5pt}
5149 \hrule
5150 \vspace*{10pt plus 5pt minus 5pt}
5151 \fi
5152
5153 }
5154 \newcommand{\xepersian@editorialTit}[2]{
5155 \setlength{\arrayrulewidth}{.1pt}
5156 \begin{center}
5157 \begin{tabular}{c}
5158 \noindent
5159 \xepersian@editorialTitle{#1}
5160 \vspace{2pt plus 1pt minus 1pt}
5161 \\
5162 \hline
5163 \vspace{2pt plus 1pt minus 1pt}
5164 \\
5165 \editorialAuthorFormat{#2}
5166 \end{tabular}
5167 \end{center}
5168 }
5169 \newenvironment{editorial}[4]
5170 {
5171 \xepersian@say{Adding a new editorial}
5172 \begin{multicols}{#1}[%
5173 \xepersian@editorialTit{#2}{#3}%
5174 ] [4cm]
5175 \label{#4}
5176 \ifnum #1 > \minraggedcols
5177 \raggedFormat
5178 \fi
5179 }
5180 {
5181 \end{multicols}
5182 }
5183 \newcommand{\xepersian@shortarticleTit}[2]{
5184 \begin{center}
5185 \vbox{%
5186 \noindent
5187 \xepersian@shortarticleTitle{#1}
5188 \vspace{4pt plus 2pt minus 2pt}
5189 \hrule
5190 \vspace{4pt plus 2pt minus 2pt}

```



```

5191 \xepersian@shortarticleSubtitle{#2}
5192 }
5193 \end{center}
5194 }
5195 \newenvironment{shortarticle}[4]
5196 {
5197 \xepersian@say{Adding a short article block}
5198 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}][4cm] %
5199 \label{#4}
5200 \par %
5201 \ifnum #1 > \minraggedcols
5202 \raggedFormat
5203 \fi
5204 }
5205 {
5206 \end{multicols}
5207 }
5208 \newcommand{\shortarticleitem}[2]{
5209 \goodbreak
5210 \vspace{5pt plus 3pt minus 3pt}
5211 {\vbox{\noindent\xepersian@shortarticleItemTitle{#1}}}
5212 \vspace{5pt plus 3pt minus 3pt}
5213 {\noindent #2}\\
5214 }

```

61 File xepersian-mathsdigitspec.sty

```

5215 \NeedsTeXFormat{LaTeX2e}
5216 \ProvidesPackage{xepersian-mathsdigitspec}
5217 [2018/12/16 v1.1.7 Unicode Persian maths digits in XeLaTeX]
5218 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
5219 \let\newfam\new@mathgroup
5220 \def\select@group#1#2#3#4{%
5221 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5222 {%
5223 \ifmmode
5224 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5225 \begingroup
5226 \escapechar\m@ne
5227 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5228 \globaldefs\@ne \math@fonts
5229 \endgroup
5230 \init@restore@version
5231 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
5232 {\number\csname c@mv@\math@version\endcsname}}}%
5233 \global\advance\csname c@mv@\math@version\endcsname\@ne
5234 \else
5235 \let#1\relax
5236 \@latex@error{Too many math alphabets used in
5237 version \math@version}%

```



```

5238         \@eha
5239     \fi
5240 \else \expandafter\non@alpherr\fi
5241 #1{#4}%
5242 }%
5243 }
5244 \def\document@select@group#1#2#3#4{%
5245 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5246 {%
5247 \ifmmode
5248 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5249 \begingroup
5250 \escapechar\m@ne
5251 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5252 \globaldefs\@ne \math@fonts
5253 \endgroup
5254 \expandafter\extract@alph@from@version
5255 \csname mv@\math@version\expandafter\endcsname
5256 \expandafter{\number\csname
5257 c@mv@\math@version\endcsname}%
5258 #1%
5259 \global\advance\csname c@mv@\math@version\endcsname\@ne
5260 \else
5261 \let#1\relax
5262 \latexerror{Too many math alphabets used
5263 in version \math@version}%
5264 \@eha
5265 \fi
5266 \else \expandafter\non@alpherr\fi
5267 #1{#4}%
5268 }%
5269 }
5270 \ExplSyntaxOn
5271 \bool_set_false:N \g__fontspec_math_bool
5272 \tl_map_inline:nn
5273 {
5274 \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
5275 \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
5276 \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
5277 \version@list\version@elt\alpha@list\alpha@elt
5278 \restore@mathversion\init@restore@version\dorestore@version\process@table
5279 \new@mathversion\DeclareSymbolFont\group@list\group@elt
5280 \new@symbolfont\SetSymbolFont\SetSymbolFont@get@cdp
5281 \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
5282 \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
5283 \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
5284 \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
5285 \set@@mathdelimiter\DeclareMathRadical\mathchar@type
5286 \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
5287 }

```




```

5288 {
5289   \tl_remove_once:Nn \@preamblecmds {\do#1}
5290 }
5291 \ExplSyntaxOff
5292 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitspec}{#1}}
5293 \newcommand\SetMathCode[4]{%
5294   \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5295 \newcommand\SetMathCharDef[4]{%
5296   \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5297 \ExplSyntaxOn
5298 \cs_new_eq:NN \orig_mathbf:n \mathbf
5299 \cs_new_eq:NN \orig_mathit:n \mathit
5300 \cs_new_eq:NN \orig_mathrm:n \mathrm
5301 \cs_new_eq:NN \orig_mathsf:n \mathsf
5302 \cs_new_eq:NN \orig_mathtt:n \mathtt
5303 \NewDocumentCommand \new@mathbf { m } {
5304   \orig_mathbf:n {
5305     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5306       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
5307     }
5308     #1
5309   }
5310 }
5311 \NewDocumentCommand \new@mathit { m } {
5312   \orig_mathit:n {
5313     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5314       \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
5315     }
5316     #1
5317   }
5318 }
5319 \NewDocumentCommand \new@mathrm { m } {
5320   \orig_mathrm:n {
5321     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5322       \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
5323     }
5324     #1
5325   }
5326 }
5327 \NewDocumentCommand \new@mathsf { m } {
5328   \orig_mathsf:n {
5329     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5330       \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
5331     }
5332     #1
5333   }
5334 }
5335 \NewDocumentCommand \new@mathtt { m } {
5336   \orig_mathtt:n {
5337     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {

```



```

5338 \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
5339 }
5340 #1
5341 }
5342 }
5343
5344 \cs_new:Npn \__xepersian_mathsdigitspec_error:nxx { \msg_error:nxxx {xepersian-mathsdig
5345 \cs_new:Nn \__xepersian_mathsdigitspec_msg_new:nnnn
5346 { \msg_new:nxxx {#1} {#2} { \tl_trim_spaces:n {#3} } { \tl_trim_spaces:n {#4} } }
5347 \char_set_catcode_space:n {32}
5348 \__xepersian_mathsdigitspec_msg_new:nnnn {xepersian-mathsdigitspec} {char-not-exist}
5349 {
5350 The font "#1" does not contain U+#2.
5351 }
5352 {
5353 Select another font and rerun xelatex.
5354 }
5355 \char_set_catcode_ignore:n {32}
5356
5357 \prg_new_conditional:Nnn \__xepersian_mathsdigitspec_primitive_font_char_if_exist:n {p,TF,T,F}
5358 {
5359 \etex_iffontchar:D \l_fontspeg_font "#1 \scan_stop:
5360 \prg_return_true:
5361 \else:
5362 \prg_return_false:
5363 \fi:
5364 }
5365
5366 \clist_new:N \l_xepersian_mathsdigitspec_char_clist
5367
5368 \cs_new:Nn \__xepersian_mathsdigitspec_char_set_not_exist_error:nn
5369 {
5370 \clist_set:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5371 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {
5372 \__xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \__xepersian_mathsdig
5373 }
5374 }
5375
5376 \cs_new:Nn \__xepersian_mathsdigitspec_char_prepend_not_exist_error:nn
5377 {
5378 \clist_put_left:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5379 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {
5380 \__xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \__xepersian_mathsdig
5381 }
5382 }
5383
5384 \cs_new:Nn \__xepersian_mathsdigitspec_char_append_not_exist_error:nn
5385 {
5386 \clist_put_right:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5387 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {

```



```

5388 \xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \xepersian_mathsd
5389 }
5390 }
5391
5392 \cs_new:Nn \xepersian_mathsdigitspec_char_not_exist_error:n
5393 {
5394 \xepersian_mathsdigitspec_char_set_not_exist_error:nn {
5395 06F0 , 06F1 , 06F2 , 06F3 , 06F4 , 06F5 , 06F6 , 06F7 , 06F8 ,
5396 06F9 , 066A , 066B
5397 } { #1 }
5398 }
5399
5400 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
5401 {
5402 \xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5403 }
5404 \cs_new:Nn \xepersian_main_setmathdigitfont:nn
5405 {
5406 \let\glb@currsizel relax
5407 \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Ligatures=PersianTeX,#1} {#2}
5408 \xepersian_setmathdigitfont_hook:nn {#1} {#2}
5409 \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5410 \DeclareSymbolFont{OPERATORS} {\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5411 \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5412 \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5413 \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5414 \xepersian_mathsdigitspec_char_not_exist_error:n { #2 }
5415 \def\persianmathsdigits{%
5416 \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5417 \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5418 \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5419 \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5420 \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5421 \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5422 \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5423 \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5424 \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5425 \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5426 \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5427 \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5428 \tl_set_eq:NN \mathbf \new@mathbf
5429 \tl_set_eq:NN \mathit \new@mathit
5430 \tl_set_eq:NN \mathrm \new@mathrm}
5431 }
5432
5433 \cs_set_eq:NN \xepersian_setmathdigitfont_hook:nn \use_none:nn
5434
5435 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5436 {
5437 \xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}

```



```

5438 }
5439 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5440 {
5441   \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Ligatures=PersianTeX,#1} {#2}
5442   \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5443   \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsf
5444     \__xepersian_mathsfdigitfont_spec_char_not_exist_error:n { #2 }
5445     \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5446 }
5447
5448 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5449
5450 \DeclareDocumentCommand \setmathttdigitfont { 0{} m 0{} }
5451 {
5452   \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5453 }
5454 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5455 {
5456   \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Ligatures=PersianTeX,#1} {#2}
5457   \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5458   \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5459     \__xepersian_mathsfdigitfont_spec_char_not_exist_error:n { #2 }
5460     \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5461 }
5462
5463 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5464
5465 \ExplSyntaxOff
5466 \ifx\newcommand\undefined\else
5467   \newcommand{\ZifferAn}{}
5468 \fi
5469 \mathchardef\ziffer@DotOri="013A
5470 {\ZifferAn
5471   \catcode`\.=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5472 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5473 \def\ziffer@check#1#2{%
5474   \ifx\n1\endgroup#1\else
5475     \ifx\n2\endgroup#1\else
5476       \ifx\n3\endgroup#1\else
5477         \ifx\n4\endgroup#1\else
5478           \ifx\n5\endgroup#1\else
5479             \ifx\n6\endgroup#1\else
5480               \ifx\n7\endgroup#1\else
5481                 \ifx\n8\endgroup#1\else
5482                   \ifx\n9\endgroup#1\else
5483                     \ifx\n0\endgroup#1\else
5484                       \ifx\n\overline\endgroup#1\else
5485                         \endgroup#2%
5486                     \fi
5487                   \fi

```



```

5488             \fi
5489         \fi
5490     \fi
5491     \fi
5492 \fi
5493 \fi
5494 \fi
5495 \fi
5496 \fi}
5497 \mathcode`.="8000\relax
5498 \def\ZifferLeer{\ifx\decimalseparator\undefined.\else\decimalseparator\fi}
5499 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5500 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5501 \def\DefaultMathsDigits{%
5502     \DefaultInlineMathsDigits%
5503     \DefaultDisplayMathsDigits%
5504 }
5505 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5506     \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5507     \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5508     \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5509 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5510     \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5511     \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5512     \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5513 \def\PersianMathsDigits{%
5514     \PersianInlineMathsDigits%
5515     \PersianDisplayMathsDigits%
5516 }
5517 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5518     \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5519     \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5520     \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5521 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5522     \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5523     \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5524     \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5525 \def\AutoMathsDigits{%
5526     \AutoInlineMathsDigits%
5527     \AutoDisplayMathsDigits%
5528 }
5529 \AutoMathsDigits
5530 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5531     \let\SetDisplayMathsDigits\relax%
5532 }
5533 \everydisplay\expandafter{%
5534     \the\everydisplay\SetDisplayMathsDigits%
5535     \let\SetInlineMathsDigits\relax%
5536 }

```



62 File xepersian-multiplechoice.sty

```

5537 \NeedsTeXFormat{LaTeX2e}
5538 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5539         Multiple Choice Questionnaire class for Persian in XeLaTeX]
5540 \RequirePackage{pifont}
5541 \RequirePackage{fullpage}
5542 \RequirePackage{ifthen}
5543 \RequirePackage{calc}
5544 \RequirePackage{verbatim}
5545 \RequirePackage{tabularx}
5546 \def\@headerfont{\bfseries}
5547 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5548 \def\@X{X}
5549 \newcommand\X[1]{\gdef\@X{#1}}
5550 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5551 \newcolumnntype{D}{>{\pbs\centering}X}
5552 \newcolumnntype{Q}{>{\@headerfont}X}
5553
5554 \renewcommand\tabularxcolumn[1]{m{#1}}
5555 \newcommand\makeform@nocorrection{%
5556   \addtocontents{frm}{\protect\end{tabularx}}
5557   \@starttoc{frm}}
5558 \newcommand\makeform@correction{%
5559   \addtocontents{frm}{\protect\end{tabularx}}}
5560 \newcommand\makemask@nocorrection{%
5561   \addtocontents{msk}{\protect\end{tabularx}}
5562   \@starttoc{msk}}
5563 \newcommand\makemask@correction{%
5564   \addtocontents{msk}{\protect\end{tabularx}}}
5565 \newlength\questionspace
5566 \setlength\questionspace{0pt}
5567 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5568 \def\@answerstitlefont{\bfseries}
5569 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5570 \def\@answernumberfont{\bfseries}
5571 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5572 \newcounter{question}\stepcounter{question}
5573 \newcounter{@choice}
5574 \def\@initorcheck{%
5575   \xdef\@choices{\the@choice}%
5576   \setcounter{@choice}{1}%
5577   \gdef\@arraydesc{|Q||}%
5578   \gdef\@headerline{%
5579     \whiledo{\not{\value{@choice}>\@choices}}{
5580       \xdef\@arraydesc{\@arraydesc D}}
5581   \def\@appendheader{\g@addto@macro\@headerline}
5582   \@appendheader{\&\protect\@headerfont}
5583   \edef\@the@choice{\{\alph{@choice}\}}
5584   \expandafter\@appendheader\@the@choice

```



```

5585 \stepcounter{@choice}}%
5586 \addtocontents{frm}{%
5587 \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5588 \protect\hline
5589 \@headerline\protect\\ \protect\hline\protect\hline}%
5590 \addtocontents{msk}{%
5591 \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5592 \protect\hline
5593 \@headerline\protect\\ \protect\hline\protect\hline}%
5594 \gdef\@initortcheck{%
5595 \ifthenelse{value{@choice} = \@choices}{\%
5596 \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5597 (\the@choice\space instead of \@choices)}{\%
5598 Questions must all have the same number of proposed answers.%
5599 \MessageBreak
5600 Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}}%
5601 \newenvironment{question}[1]{%
5602 %% \begin{question}
5603 \begin{minipage}{\textwidth}
5604 \xdef\@formanswerline{\@questionheader}%
5605 \xdef\@maskanswerline{\@questionheader}%
5606 \fbox{\parbox[c]{\linewidth}{\#1}}
5607 \vspace\questionspace\par
5608 {\@answerstitlefont\@answerstitle}
5609 \begin{list}{\@answernumberfont\alph{@choice}}~{\usecounter{@choice}}{\%
5610 %% \end{question}
5611 \end{list}
5612 \@initortcheck%
5613 \addtocontents{frm}{\@formanswerline\protect\\ \protect\hline}%
5614 \addtocontents{msk}{\@maskanswerline\protect\\ \protect\hline}%
5615 \end{minipage}
5616 \stepcounter{question}}
5617 \def\@truesymbol{\ding{52}~}
5618 \def\@falsesymbol{\ding{56}~}
5619 \newcommand\truesymbol[1]{\gdef\@truesymbol{\#1}}
5620 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{\#1}}
5621 \def\@true@nocorrection{\item}
5622 \def\@false@nocorrection{\item}
5623 \def\@true@correction{\item[\@truesymbol\refstepcounter{@choice}]}
5624 \def\@false@correction{\item[\@falsesymbol\refstepcounter{@choice}]}
5625 \newcommand\true{%
5626 \xdef\@formanswerline{\@formanswerline\&}%
5627 \xdef\@maskanswerline{\@maskanswerline\&X}%
5628 \@true}%
5629 \newcommand>false{%
5630 \xdef\@formanswerline{\@formanswerline\&}%
5631 \xdef\@maskanswerline{\@maskanswerline\&}%
5632 \@false}%
5633 \def\@correctionstyle{\itshape}
5634 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{\#1}}

```



```

5635 \newenvironment{@correction}{\@correctionstyle}{%
5636 \def\@questionheader{ \thequestion}
5637 \answerstitle{ %:
5638 \DeclareOption{nocorrection}{%
5639 \let\@true\@true@nocorrection
5640 \let\@false\@false@nocorrection
5641 \let\correction\comment
5642 \let\endcorrection\endcomment
5643 \def\makeform{\makeform@nocorrection}
5644 \def\makemask{\makemask@nocorrection}}
5645 \DeclareOption{correction}{%
5646 \let\@true\@true@correction
5647 \let\@false\@false@correction
5648 \let\correction\@correction
5649 \let\endcorrection\end@correction
5650 \def\makeform{\makeform@correction}
5651 \def\makemask{\makemask@correction}}
5652 \ExecuteOptions{nocorrection}
5653 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5654 \def\@questiontitlefont{\bfseries}
5655 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}
5656 \newlength\questiontitlespace
5657 \setlength\questiontitlespace{5pt}
5658 \newlength\questionsepspace
5659 \setlength\questionsepspace{20pt}
5660 \gdef\@questionsepspace{0pt}
5661 \let\old@question\question
5662 \let\old@endquestion\endquestion
5663 \renewenvironment{question}[1]{%
5664 %% \begin{question}
5665 \vspace\@questionsepspace
5666 \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5667 \nopagebreak\vspace\questiontitlespace\par
5668 \old@question{#1}}{%
5669 %% \end{question}
5670 \old@endquestion
5671 \gdef\@questionsepspace{\questionsepspace}}
5672 \questiontitle{ \thequestion:}
5673 \ProcessOptions

```

63 File xepersian-persiancal.sty

```

5674 \NeedsTeXFormat{LaTeX2e}
5675 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5676
5677 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5678 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5679 \newcount\XePersian@latini \newcount\XePersian@persiani
5680 \newcount\XePersian@latinii \newcount\XePersian@persianii
5681 \newcount\XePersian@latiniii \newcount\XePersian@persianiii

```




```

5682 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5683 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5684 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5685 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5686 \newcount\XePersian@latinix \newcount\XePersian@persianix
5687 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5688 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5689 \newcount\XePersian@latinxiii \newcount\XePersian@persianxiii
5690 \newcount\XePersian@temp
5691 \newcount\XePersian@temptwo
5692 \newcount\XePersian@temptthree
5693 \newcount\XePersian@yModHundred
5694 \newcount\XePersian@thirtytwo
5695 \newcount\XePersian@dn
5696 \newcount\XePersian@sn
5697 \newcount\XePersian@mminusone
5700 \newcount\XePersian@y
5701 \newcount\XePersian@m
5702 \newcount\XePersian@d
5703 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5704 \XePersian@temp=\XePersian@y
5705 \divide\XePersian@temp by 100\relax
5706 \multiply\XePersian@temp by 100\relax
5707 \XePersian@yModHundred=\XePersian@temp
5708 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5709 \ifodd\XePersian@yModHundred
5710 \XePersian@leapfalse
5711 \else
5712 \XePersian@temp=\XePersian@yModHundred
5713 \divide\XePersian@temp by 2\relax
5714 \ifodd\XePersian@temp\XePersian@leapfalse
5715 \else
5716 \ifnum\XePersian@yModHundred=0%
5717 \XePersian@temp=\XePersian@y
5718 \divide\XePersian@temp by 400\relax
5719 \multiply\XePersian@temp by 400\relax
5720 \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5721 \else\XePersian@leaptrue
5722 \fi
5723 \fi
5724 \fi
5725 \XePersian@latini=31\relax
5726 \ifXePersian@leap
5727 \XePersian@latinii = 29\relax
5728 \else
5729 \XePersian@latinii = 28\relax
5730 \fi
5731 \XePersian@latiniii = 31\relax

```



```

5732 \XePersian@latiniv = 30\relax
5733 \XePersian@latinvi = 31\relax
5734 \XePersian@latinvi = 30\relax
5735 \XePersian@latinvii = 31\relax
5736 \XePersian@latinviii = 31\relax
5737 \XePersian@latinix = 30\relax
5738 \XePersian@latinx = 31\relax
5739 \XePersian@latinxi = 30\relax
5740 \XePersian@latinxii = 31\relax
5741 \XePersian@thirtytwo=32\relax
5742 \XePersian@temp=\XePersian@y
5743 \advance\XePersian@temp by -17\relax
5744 \XePersian@temptwo=\XePersian@temp
5745 \divide\XePersian@temptwo by 33\relax
5746 \multiply\XePersian@temptwo by 33\relax
5747 \advance\XePersian@temp by -\XePersian@temptwo
5748 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalse
5749 \else
5750   \XePersian@temptwo=\XePersian@temp
5751   \divide\XePersian@temptwo by 4\relax
5752   \multiply\XePersian@temptwo by 4\relax
5753   \advance\XePersian@temp by -\XePersian@temptwo
5754   \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5755 \fi
5756 \XePersian@tempthree=\XePersian@y % Number of Leap years
5757 \advance\XePersian@tempthree by -1
5758 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5759 \divide\XePersian@temp by 4\relax
5760 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5761 \divide\XePersian@temptwo by 100\relax
5762 \advance\XePersian@temp by -\XePersian@temptwo
5763 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5764 \divide\XePersian@temptwo by 400\relax
5765 \advance\XePersian@temp by \XePersian@temptwo
5766 \advance\XePersian@tempthree by -611 % Number of Kabise years
5767 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5768 \divide\XePersian@temptwo by 33\relax
5769 \multiply\XePersian@temptwo by 8\relax
5770 \advance\XePersian@temp by -\XePersian@temptwo
5771 \XePersian@temptwo=\XePersian@tempthree %
5772 \divide\XePersian@temptwo by 33\relax
5773 \multiply\XePersian@temptwo by 33\relax
5774 \advance\XePersian@tempthree by -\XePersian@temptwo
5775 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(
5776 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5777 \advance\XePersian@temp by -\XePersian@tempthree
5778 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5779 \XePersian@persiani=31
5780 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5781 \XePersian@persianii = 30\relax

```



```

5782 \ifXePersian@kabiseh
5783   \XePersian@persianiii = 30\relax
5784 \else
5785   \XePersian@persianiii = 29\relax
5786 \fi
5787 \XePersian@persianiv = 31\relax
5788 \XePersian@persianv = 31\relax
5789 \XePersian@persianvi = 31\relax
5790 \XePersian@persianvii = 31\relax
5791 \XePersian@persianviii = 31\relax
5792 \XePersian@persianix = 31\relax
5793 \XePersian@persianx = 30\relax
5794 \XePersian@persianxi = 30\relax
5795 \XePersian@persianxii = 30\relax
5796 \XePersian@persianxiii = 30\relax
5797 \XePersian@dn = 0\relax
5798 \XePersian@sn = 0\relax
5799 \XePersian@mminusone = \XePersian@m
5800 \advance\XePersian@mminusone by -1\relax
5801 \XePersian@i = 0\relax
5802 \ifnum\XePersian@i < \XePersian@mminusone
5803 \loop
5804 \advance \XePersian@i by 1\relax
5805 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5806 \ifnum\XePersian@i < \XePersian@mminusone \repeat
5807 \fi
5808 \advance \XePersian@dn by \XePersian@d
5809 \XePersian@i = 1\relax
5810 \XePersian@sn = \XePersian@persiani
5811 \ifnum \XePersian@sn < \XePersian@dn
5812 \loop
5813 \advance \XePersian@i by 1\relax
5814 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5815 \ifnum \XePersian@sn < \XePersian@dn \repeat
5816 \fi
5817 \ifnum \XePersian@i < 4
5818   \XePersian@m = 9 \advance\XePersian@m by \XePersian@i
5819   \advance \XePersian@y by -622\relax
5820 \else
5821   \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5822   \advance \XePersian@y by -621\relax
5823 \fi
5824 \advance\XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5825 \endcsname
5826 \ifnum\XePersian@i = 1
5827   \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance\XePersian@d by -\XePersian@
5828 \else
5829   \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5830 \fi
5831 \newcommand*{\persiantoday}{\%

```



```

5832 \number\XePersian@d\space%
5833 \XePersian@persian@month{\XePersian@m}\space\number\XePersian@y%
5834 }
5835 \let\persianyear\XePersian@y
5836 \let\persianmonth\XePersian@m
5837 \let\persianday\XePersian@d
5838 \def\XePersian@persian@month#1{\ifcase#1\or or\
5839 or\
5840 or\    or\
5841 or\
5842 or\    or\
5843 or\    or\
5844 or\    or\
5845 \fi\

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