



The XePersian *Package*

Source documentation for version 22.6

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/vafa-ac/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 22.6

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March 3, 2019

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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}}
13

```



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{\if@RTL 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 biduntfesidenote-xepersian.def

```

82 \ProvidesFile{biduntfesidenote-xepersian.def}[2017/02/04 v0.3 xepersian changes to biduntfes
83
84 \setLTRcitationfont{\resetlatinfont\footnotesize}
85
86 \renewcommand*\@biduntfesidenote@LTRmarginfont{\resetlatinfont\footnotesize}
87
88 \renewcommand*\@biduntfesidenote@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 \begin@group
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 L
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{   }{addvspace}
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{   }{belowdisplaysshortskip}
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{      }{crrc}
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{ @ }{f@ur}
405 \eqcommand{ }{fam}
406 \eqcommand{ }{fancy page}
407 \eqcommand{ }{fbox}
408 \eqcommand{ }{fboxrule}
409 \eqcommand{ }{fboxsep}
410 \eqcommand{ }{fcolorbox}
411 \eqcommand{ }{fi}
412 \eqcommand{ }{figure name}
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@tempw}
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{ @ }{@m@ne}
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{      }{narrow}
684 \eqcommand{      }{narrower}
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{ }{@outeqtrue}
746 \eqcommand{ }{@outeqfalse}
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{ }{pagefilllstretch}
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{ }{predisplaypenalty}
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{   }{removeatlastskip}
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{ @}{sirt@@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{      }{singlfontlocatcode}

```



```

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{@ }{@tempwafalse}
959 \eqcommand{@ }{@tempwatrue}
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{ }{\textexclamdown}
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{ }{\thisfancy}

```




```

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{      }{r1}
1156 \eqcommand{      }{RLE}
1157 \eqcommand{      }{RTLdblcol}
1158 \eqcommand{      }{RTLfootnote}
1159 \eqcommand{      }{RTLfootnotetext}
1160 \eqcommand{      }{RTLthanks}
1161 \eqcommand{ @ }{ @SepMark}
1162 \eqcommand{      }{SepMark}
1163 \eqcommand{      }{setdefaultbibitems}
```




```

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 localisat
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 extrafo
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*\Frefstabname}{\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*\Frefstabshortname}{%
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*{\frefpname}{%
1410   \if@RTL
1411     \Frefpname
1412   \else
1413     \MakeLowercase{\Frefpname}%
1414   \fi
1415 }
1416 \renewcommand*{\frefsecname}{%
1417   \if@RTL
1418     \Frefsecname
1419   \else
1420     \MakeLowercase{\Frefsecname}%
1421   \fi
1422 }
1423 \renewcommand*{\frefseenname}{%
1424   \if@RTL
1425     \Frefseenname
1426   \else
1427     \MakeLowercase{\Frefseenname}%
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*\frefstabshortname}{%
1452   \if@RTL
1453     \Frefstabshortname
1454   \else
1455     \MakeLowercase{\Frefstabshortname}%
1456   \fi
1457 }

```

30 File fontspec-xepersian.def

```

1458 \ProvidesFile{fontspec-xepersian.def}[2018/12/14 v0.3 fontspec changes]
1459 \ExplSyntaxOn
1460 \cs_new:Npn \__xepersian_error:nx { \msg_error:nxx {xepersian} }
1461 \char_set_catcode_space:n {32}
1462 \cs_new:Nn \__xepersian_msg_new:nnnn
1463 { \msg_new:nxxx {#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   \__fontspec_primitive_font_set:Nnn \l_fontspec_font
1486     { \__fontspec_construct_font_call:nn { \l_fontspec_fontname_up_tl } {} } {\f@size pt}
1487   \__fontspec_primitive_font_if_null:NT \l_fontspec_font { \__fontspec_error:nx {font-not-found}
1488     \__xepersian_font_if_cannot_be_loaded:NnT \l_fontspec_fontname_up_tl { HM }
1489   {
1490     \__xepersian_error:nx {font-cannot-be-loaded} {\l_fontspec_fontname_up_tl}
1491     \cs_gset_eq:NN \l_fontspec_fontname_up_tl \tex_nullfont:D
1492   }
1493   \__fontspec_set_font_type:N \l_fontspec_font
1494   \__fontspec_primitive_font_gset:Nnn \l_fontspec_font
1495     { \__fontspec_construct_font_call:nn { \l_fontspec_fontname_up_tl } {} } {\f@size pt}
1496   \l_fontspec_font % this is necessary for LuaLaTeX to check the scripts properly
1497 }
1498 \cs_undefine:N \__fontspec_load_fontname:n
1499 \cs_new:Nn \__fontspec_load_fontname:n
1500 {
1501   \__fontspec_load_external_fontoptions:Nn \l_fontspec_fontname_tl {#1}
1502   \prop_get:NVNF \g__fontspec_fontopts_prop \l_fontspec_fontname_tl \l__fontspec_fontopts_clist
1503   { \clist_clear:N \l__fontspec_fontopts_clist }
1504   \keys_set_groups:nnV {fontspec/fontname} {getfontname} \l__fontspec_fontopts_clist
1505   \__fontspec_primitive_font_set:Nnn \l_fontspec_font { \__fontspec_construct_font_call:nn {
1506     \__fontspec_primitive_font_if_null:NT \l_fontspec_font { \__fontspec_error:nx {font-not-found}
1507     \__xepersian_font_if_cannot_be_loaded:NnT #1 { HM }
1508   }
1509     \__xepersian_error:nx {font-cannot-be-loaded} {#1}
1510     \cs_gset_eq:NN \l_fontspec_font \tex_nullfont:D
1511   }
1512 }
1513 \ExplSyntaxOff

```

31 File footnote-xepersian.def

```

1514 \ProvidesFile{footnote-xepersian.def}[2017/08/09 v0.6 footnote macros for xepersian package]
1515
1516 \renewcommand*{\bidi@footnotetext@font}{\footnotesize\if@RTL@footnote\else\resetlatinfont\fi}
1517
1518 \renewcommand*{\bidi@LTRfootnotetext@font}{\footnotesize\resetlatinfont}
1519
1520 \renewcommand*{\bidi@RTLfootnotetext@font}{\footnotesize\setpersianfont}
1521

```

32 File framed-xepersian.def

```

1522 \ProvidesFile{framed-xepersian.def}[2012/06/05 v0.1 xepersian adaptations for framed package]
1523 \renewenvironment{titled-frame}[1]{%
1524   \def\FrameCommand{\fboxsep8pt\fboxrule2pt
1525     \TitleBarFrame{\textbf{#1}}}%
1526   \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
1527     \TitleBarFrame [ $\if@RTL\blacktriangleleft\else\blacktriangleright\fi$ ]{\textbf{#1}}}%

```



```

1528 \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
1529 \TitleBarFrame [\$if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1} (\if@R
1530 \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
1531 \TitleBarFrame{\textbf{#1} (\if@RTL\else\cont\fi)}}}%
1532 \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
1533 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
1534 % could interfere with the width measurement.
1535 {\endMakeFramed}

```

33 File glossaries-xepersian.def

```

1536 \ProvidesFile{glossaries-xepersian.def}[2014/09/04 v0.4 xepersian adaptations for glossaries p
1537 \glsaddprotectedpagefmt{@harfi}
1538 \glsaddprotectedpagefmt{@tartibi}
1539 \glsaddprotectedpagefmt{@adadi}

```

34 File hyperref-xepersian.def

```

1540 \ProvidesFile{hyperref-xepersian.def}[2015/02/02 v0.6 bilingual captions for hyperref package]
1541 \def\equationautorefname{\if@RTL\else\Equation\fi}%
1542 \def\footnoteautorefname{\if@RTL\else\footnote\fi}%
1543 \def\itemautorefname{\if@RTL\else\item\fi}%
1544 \def\figureautorefname{\if@RTL\else\Figure\fi}%
1545 \def\tableautorefname{\if@RTL\else\Table\fi}%
1546 \def\partautorefname{\if@RTL\else\Part\fi}%
1547 \def\appendixautorefname{\if@RTL\else\Appendix\fi}%
1548 \def\chapterautorefname{\if@RTL\else\chapter\fi}%
1549 \def\sectionautorefname{\if@RTL\else\section\fi}%
1550 \def\subsectionautorefname{\if@RTL\else\subsection\fi}%
1551 \def\subsubsectionautorefname{\if@RTL\else\subsubsection\fi}%
1552 \def\paragraphautorefname{\if@RTL\else\paragraph\fi}%
1553 \def\subparagraphautorefname{\if@RTL\else\subparagraph\fi}%
1554 \def\FancyVerbLineautorefname{\if@RTL\else\line\fi}%
1555 \def\theoremautorefname{\if@RTL\else\Theorem\fi}%
1556 \def\pageautorefname{\if@RTL\else\page\fi}%
1557 \AtBeginDocument{%
1558 \let\HyOrg@appendix\appendix
1559 \def\appendix{%
1560 \ltx@ifundefined{chapter}%
1561 {\gdef\theHsection{\Alph{section}}}%
1562 {\gdef\theHchapter{\Alph{chapter}}}%
1563 \xdef\Hy@chapapp{\Hy@appendixstring}%
1564 \HyOrg@appendix
1565 }
1566 }
1567 \pdfstringdefDisableCommands{%
1568 \let\lr@firstofone
1569 \let\rl@firstofone
1570 \def\XePersian{XePersian}
1571 }

```



```

1572 \ltx@ifundefined{@resets@pp}{%
1573 }{%
1574   \let\HyOrg@resets@pp\@resets@pp
1575   \def\@resets@pp{%
1576     \ltx@ifundefined{chapter}{%
1577       \gdef\theHsection{\Hy@AlphNoErr{section}}%
1578     }{%
1579       \gdef\theHchapter{\Hy@AlphNoErr{chapter}}%
1580     }%
1581     \xdef\Hy@chapapp{\Hy@appendixstring}%
1582     \HyOrg@resets@pp
1583   }%
1584 }

```

35 File `imsproc-xepersian.def`

```

1585 \ProvidesFile{imsproc-xepersian.def}[2017/06/09 v0.5 xepersian adaptations for imspoc class f
1586
1587 \renewcommand \thepart {\@tartibi\c@part}
1588 \def\appendix{\par\c@section\z@ \c@subsection\z@
1589   \let\sectionname\appendixname
1590   \def\thesection{\@harfi\c@section}}
1591

```

36 File `kashida-xepersian.def`

```

1592 \ProvidesFile{kashida-xepersian.def}[2018/01/04 v0.6 implementation of Kashida for xepersian p
1593 \chardef\xepersian@zwj="200D % zero-width joiner
1594 \chardef\xepersian@kashidachar="0640 % kashida
1595
1596 \chardef\xepersian@D=10 % dual-joiner class
1597 \chardef\xepersian@L=11 % lam
1598 \chardef\xepersian@R=12 % right-joiner
1599 \chardef\xepersian@A=13 % alef
1600 \chardef\xepersian@H=14 % heh
1601 \chardef\xepersian@V=4096 % vowel or other combining mark (to be ignored)
1602 \newif\if@Kashida@on
1603 \newif\if@Kashida@XB@fix
1604 \def\xepersian@kashida{\if@Kashida@on\xepersian@zwj\nobreak%
1605   \leaders\hrule height \XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@kashidachar dep
1606
1607 \def\setclass#1#2{\def\theclass{#1}\def\charlist{#2}%
1608   \expandafter\dosetclass\charlist,\end}
1609 \def\dosetclass#1,#2\end{%
1610   \def\test{#1}\def\charlist{#2}%
1611   \ifx\test\empty\let\next\finishsetclass
1612   \else \XeTeXcharclass "\test = \theclass
1613     \let\next\dosetclass \fi
1614   \expandafter\next\charlist,,\end}
1615 \def\finishsetclass#1,,\end{}

```



```

1616
1617 \setclass \xepersian@A {0622,0623,0625,0627}
1618 \setclass \xepersian@R {0624,0629,062F,0630,0631,0632,0648,0698}
1619 \setclass \xepersian@D {0626,0628,062A,062B,062C,062D,062E}
1620 \setclass \xepersian@D {0633,0634,0635,0636,0637,0638,0639,063A}
1621 %\setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0647,0649,064A}
1622 \setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0649,064A}
1623 \setclass \xepersian@H {0647}
1624 \setclass \xepersian@D {067E,0686,06A9,06AF,06CC}
1625 \setclass \xepersian@L {0644}
1626 \setclass \xepersian@V {064B,064C,064D,064E,064F,0650,0651,0652}
1627
1628 \XeTeXinterchartoks \xepersian@D \xepersian@D = {\xepersian@kashida}
1629 \XeTeXinterchartoks \xepersian@H \xepersian@D = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1630 \XeTeXinterchartoks \xepersian@D \xepersian@H = {\xepersian@kashida}
1631 \XeTeXinterchartoks \xepersian@L \xepersian@D = {\xepersian@kashida}
1632 \XeTeXinterchartoks \xepersian@D \xepersian@L = {\xepersian@kashida}
1633 \XeTeXinterchartoks \xepersian@L \xepersian@H = {\xepersian@kashida}
1634 \XeTeXinterchartoks \xepersian@H \xepersian@L = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1635 \XeTeXinterchartoks \xepersian@L \xepersian@L = {\xepersian@kashida}
1636 \XeTeXinterchartoks \xepersian@D \xepersian@R = {\xepersian@kashida}
1637 \XeTeXinterchartoks \xepersian@H \xepersian@R = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1638 \XeTeXinterchartoks \xepersian@D \xepersian@A = {\xepersian@kashida}
1639 \XeTeXinterchartoks \xepersian@H \xepersian@A = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1640 \XeTeXinterchartoks \xepersian@L \xepersian@R = {\xepersian@kashida}
1641 \XeTeXinterchartoks \xepersian@L \xepersian@A = {}
1642
1643 \newcommand{\KashidaOn}{\@Kashida@ontrue}
1644 \newcommand{\KashidaOff}{\@Kashida@onfalse}
1645
1646 \newcommand{\KashidaXBFixOn}{\@Kashida@XB@fixtrue}
1647 \newcommand{\KashidaXBFixOff}{\@Kashida@XB@fixfalse}
1648 \KashidaOn

```

37 File listings-xepersian.def

```

1649 \ProvidesFile{listings-xepersian.def}[2014/07/17 v0.3 bilingual captions for listings package]
1650 \def\lstlistingname{\if@RTL else\ Listing\fi}
1651 \def\lstlistlistingname{\if@RTL else\ Listings\fi}

```

38 File loadingorder-xepersian.def

```

1652 \ProvidesFile{loadingorder-xepersian.def}[2018/09/29 v0.5 making sure that xepersian is the la
1653 \bidi@isloaded{algorithmic}
1654 \bidi@isloaded{algorithm}
1655 \bidi@isloaded{backref}
1656 \bidi@isloaded{enumerate}
1657 \bidi@isloaded{enumitem}
1658 \bidi@isloaded{fancyref}
1659 \bidi@isloaded{tocloft}

```



```

1660 \bidi@isloaded{url}
1661 \bidi@isloaded{varioref}
1662 \AtBeginDocument{
1663   \if@bidi@algorithmicloaded@else
1664     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithmic after xepersian}{}]
1665   \fi%
1666   \if@bidi@algorithmloaded@else
1667     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithm after xepersian}{}]
1668   \fi%
1669   \if@bidi@backrefloaded@else
1670     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package backref after xepersian}{}]
1671   \fi%
1672   \if@bidi@enumerateloaded@else
1673     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumerate after xepersian}{}]
1674   \fi%
1675   \if@bidi@enumitemloaded@else
1676     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumitem after xepersian}{}]
1677   \fi%
1678   \if@bidi@fancyrefloaded@else
1679     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package fancyref after xepersian}{}]
1680   \fi%
1681   \if@bidi@tocloftloaded@else
1682     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package tocloft after xepersian}{}]
1683   \fi%
1684   \if@bidi@urlloaded@else
1685     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package url after xepersian}{}]
1686   \fi%
1687   \if@bidi@variorefloaded@else
1688     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package varioref after xepersian}{}]
1689   \fi%
1690 }

```

39 File localise-xepersian.def

```

1691 \ProvidesFile{localise-xepersian.def}[2014/07/10 v0.2b Persian localisation of LaTeX2e]
1692 \newcommand{\makezwnjletter}{\catcode`=11\relax}
1693 \makezwnjletter
1694 \newcommand*{\eqcommand}[2]{\if@bidi@csprimitive{#2}{\bidi@csletcs{#1}{#2}}{\bidi@csdefcs{#1}{#2}}}
1695 \newcommand*{\eqenvironment}[2]{\newenvironment{#1}{\csname#2\endcsname}{\csname end#2\endcsname}}
1696 \@ifpackageloaded{keyval}{%
1697 \newcommand*{keyval@eq@alias@key}[4][KV]{%
1698   \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1699   \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1700 }{\@ifpackageloaded{xkeyval}{%
1701 \newcommand*{keyval@eq@alias@key}[4][KV]{%
1702   \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1703   \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1704 }{}}
1705 \input{latex-localise-commands-xepersian.def}
1706 \input{xepersian-localise-commands-xepersian.def}

```



```

1707 \input{latex-localise-environments-xepersian.def}
1708 \input{xepersian-localise-environments-xepersian.def}
1709 \input{latex-localise-messages-xepersian.def}
1710 \input{latex-localise-misc-xepersian.def}
1711 \input{packages-localise-xepersian.def}
1712 \aliasfontfeature{ExternalLocation}{    }
1713 \aliasfontfeature{Path}{    }
1714 \aliasfontfeature{Renderer}{    }
1715 \aliasfontfeature{BoldFont}{    }
1716 \aliasfontfeature{Language}{    }
1717 \aliasfontfeature{Script}{    }
1718 \aliasfontfeature{UprightFont}{    }
1719 \aliasfontfeature{ItalicFont}{    }
1720 \aliasfontfeature{BoldItalicFont}{    }
1721 \aliasfontfeature{SlantedFont}{    }
1722 \aliasfontfeature{BoldSlantedFont}{    }
1723 \aliasfontfeature{SmallCapsFont}{    }
1724 \aliasfontfeature{UprightFeatures}{    }
1725 \aliasfontfeature{BoldFeatures}{    }
1726 \aliasfontfeature{ItalicFeatures}{    }
1727 \aliasfontfeature{BoldItalicFeatures}{    }
1728 \aliasfontfeature{SlantedFeatures}{    }
1729 \aliasfontfeature{BoldSlantedFeatures}{    }
1730 \aliasfontfeature{SmallCapsFeatures}{    }
1731 \aliasfontfeature{SizeFeatures}{    }
1732 \aliasfontfeature{Scale}{    }
1733 \aliasfontfeature{WordSpace}{    }
1734 \aliasfontfeature{PunctuationSpace}{    }
1735 \aliasfontfeature{FontAdjustment}{    }
1736 \aliasfontfeature{LetterSpace}{    }
1737 \aliasfontfeature{HyphenChar}{    }
1738 \aliasfontfeature{Color}{    }
1739 \aliasfontfeature{Opacity}{    }
1740 \aliasfontfeature{Mapping}{    }
1741 \aliasfontfeature{Weight}{    }
1742 \aliasfontfeature{Width}{    }
1743 \aliasfontfeature{OpticalSize}{    }
1744 \aliasfontfeature{FakeSlant}{    }
1745 \aliasfontfeature{FakeStretch}{    }
1746 \aliasfontfeature{FakeBold}{    }
1747 \aliasfontfeature{AutoFakeSlant}{    }
1748 \aliasfontfeature{AutoFakeBold}{    }
1749 \aliasfontfeature{Ligatures}{    }
1750 \aliasfontfeature{Alternate}{    }
1751 \aliasfontfeature{Variant}{    }
1752 \aliasfontfeature{Variant}{    }
1753 \aliasfontfeature{CharacterVariant}{    }
1754 \aliasfontfeature{Style}{    }
1755 \aliasfontfeature{Annotation}{    }
1756 \aliasfontfeature{RawFeature}{    }

```




```

1757 \aliasfontfeature{CharacterWidth}{      }
1758 \aliasfontfeature{Numbers}{      }
1759 \aliasfontfeature{Contextuals}{      }
1760 \aliasfontfeature{Diacritics}{      }
1761 \aliasfontfeature{Letters}{      }
1762 \aliasfontfeature{Kerning}{      }
1763 \aliasfontfeature{VerticalPosition}{      }
1764 \aliasfontfeature{Fractions}{      }
1765 \aliasfontfeatureoption{Language}{Default}{      }
1766 \aliasfontfeatureoption{Language}{Persian}{      }
1767 \aliasfontfeatureoption{Script}{Persian}{      }
1768 \aliasfontfeatureoption{Script}{Latin}{      }
1769 \aliasfontfeatureoption{Style}{MathScript}{      }
1770 \aliasfontfeatureoption{Style}{MathScriptScript}{      }

```

40 File memoir-xepersian.def

```

1771 \ProvidesFile{memoir-xepersian.def}[2010/07/25 v0.1 adaptations for memoir class]
1772 \renewcommand{\@memfront}{%
1773   \@smemfront\pagenumbering{harfi}}
1774 \renewcommand{\setthesection}{\thechapter\@SepMark\harfi{section}}
1775 \renewcommand*{\thebook}{\@tartibi\c@book}
1776 \renewcommand*{\thepart}{\@tartibi\c@part}
1777 \renewcommand{\appendix}{\par
1778   \setcounter{chapter}{0}%
1779   \setcounter{section}{0}%
1780   \gdef\chapapp{\appendixname}%
1781   \gdef\thechapter{\@harfi\c@chapter}%
1782   \anappendixtrue}

```

41 File latex-localise-messages-xepersian.def

```

1783 latex} \-localise-messages-xepersian.def}[2011/03/01 v0.1 localising LaTeX2e messages]

```

42 File minitoc-xepersian.def

```

1784 \ProvidesFile{minitoc-xepersian.def}[2010/07/25 v0.1 bilingual captions for minitoc package]
1785 \def\ptctitle{\if@RTL   else\   Table of Contents\fi}%
1786 \def\plftitle{\if@RTL   else\   List of Figures\fi}%
1787 \def\pltttitle{\if@RTL   else\   List of Tables\fi}%
1788 \def\mtctitle{\if@RTL else\   Contents\fi}%
1789 \def\mlftitle{\if@RTL else\   Figures\fi}%
1790 \def\mltttitle{\if@RTL else\   Tables\fi}%
1791 \def\stctitle{\if@RTL else\   Contents\fi}%
1792 \def\slftitle{\if@RTL else\   Figures\fi}%
1793 \def\sltttitle{\if@RTL else\   Tables\fi}%

```

43 File latex-localise-misc-xepersian.def

```

1794 \ProvidesFile{latex-localise-misc-xepersian.def}[2012/01/01 v0.2 miscellaneous Persian localis

```



```

1795 %}1# \ \
1796 \@ \ @ \ \
1797 \1# \
1798 \1# @\
1799 \1# @\
1800 {@ \ \
1801 %}2#1# @\ \
1802 %1# \ @\ \ \ \ \
1803 \2# \ @\ \
1804 {{2#1# \}}
1805 undefined\ \ \
1806
1807 %{ \ \ \ \1#} \ \} \1# \ \
1808 \ { \ \ \
1809 \ \ \
1810
1811
1812 \ \ \ \%} \#1
1813 \1#} \ \ \% \
1814 \ \ \ \
1815 }%
1816 \
1817 \ \ \ \
1818 }
1819 \= \ \
1820
1821
1822 \@ifdefinitionfileloaded{latex-xetex-bidi}{%
1823 \def\@xfloat #1[#2]{%
1824 \@nodocument
1825 \def \@capttype {#1}%
1826 \def \@fps {#2}%
1827 \@onelevel@sanitize \@fps
1828 \def \reserved@b {!}%
1829 \ifx \reserved@b \@fps
1830 \@fpsaddddefault
1831 \else
1832 \ifx \@fps \@empty
1833 \@fpsaddddefault
1834 \fi
1835 \fi
1836 \ifhmode
1837 \@bsphack
1838 \@floatpenalty -\@Mii
1839 \else
1840 \@floatpenalty-\@Miii
1841 \fi
1842 \ifinner
1843 \@parmoderr\@floatpenalty\z@
1844 \else

```



```

1845 \@next\@currbox\@freelist
1846   {%
1847     \@tempcnta \sixt@@n
1848     \expandafter \@tfor \expandafter \reserved@a
1849     \expandafter : \expandafter = \@fps
1850     \do
1851     {%
1852       \if \reserved@a h%
1853         \ifodd \@tempcnta
1854         \else
1855           \advance \@tempcnta \@ne
1856         \fi
1857       \fi
1858       \if \reserved@a %
1859         \ifodd \@tempcnta
1860         \else
1861           \advance \@tempcnta \@ne
1862         \fi
1863       \fi
1864       \if \reserved@a t%
1865         \@setfpsbit \tw@
1866       \fi
1867       \if \reserved@a %
1868         \@setfpsbit \tw@
1869       \fi
1870       \if \reserved@a b%
1871         \@setfpsbit 4%
1872       \fi
1873       \if \reserved@a %
1874         \@setfpsbit 4%
1875       \fi
1876       \if \reserved@a p%
1877         \@setfpsbit 8%
1878       \fi
1879       \if \reserved@a %
1880         \@setfpsbit 8%
1881       \fi
1882       \if \reserved@a !%
1883         \ifnum \@tempcnta>15
1884           \advance\@tempcnta -\sixt@@n\relax
1885         \fi
1886       \fi
1887     }%
1888     \@tempcntb \csname ftype@\@capttype \endcsname
1889     \multiply \@tempcntb \@xxxii
1890     \advance \@tempcnta \@tempcntb
1891     \global \count\@currbox \@tempcnta
1892   }%
1893   \@fltovf
1894 \fi

```



```

1895 \global \setbox\@currbox
1896 \color@vbox
1897 \normalcolor
1898 \vbox \bgroup
1899 \hsize\columnwidth
1900 \@parboxrestore
1901 \@floatboxreset
1902 }
1903 \let\bm@ \bm@c
1904 \let\bm@ \bm@l
1905 \let\bm@ \bm@r
1906 \let\bm@ \bm@b
1907 \let\bm@ \bm@t
1908 \let\bm@ \bm@s
1909 \long\def\@iiparbox#1#2[#3]#4#5{%
1910 \leavevmode
1911 \@pboxswfalse
1912 \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1913 \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\else\
1914 \setlength\@tempdima{#4}%
1915 \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@par}%
1916 \ifx\relax#2\else
1917 \setlength\@tempdimb{#2}%
1918 \edef\@parboxto{to\the\@tempdimb}%
1919 \fi
1920 \if#1b\vbox
1921 \else\if#1\vbox
1922 \else\if #1t\vtop
1923 \else\if vtop\ #1
1924 \else\ifmmode\center
1925 \else\@pboxswtrue $\center
1926 \fi\fi\fi\fi\fi
1927 \@parboxto{\let\hss\vss\let\unhbox\unvbox
1928 \csname bm@#3\endcsname}%
1929 \if@pboxsw \m@th$\fi
1930 \@end@tempboxa}
1931 \def\@iiiminipage#1#2[#3]#4{%
1932 \leavevmode
1933 \@pboxswfalse
1934 \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1935 \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\els
1936 \setlength\@tempdima{#4}%
1937 \def\@mpargs{#1}{#2}{#3}{#4}}%
1938 \setbox\@tempboxa\vbox\bgroup
1939 \color@begingroup
1940 \hsize\@tempdima
1941 \textwidth\hsize \columnwidth\hsize
1942 \@parboxrestore
1943 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
1944 \let\@footnotetext\@mpfootnotetext

```



```

1945 \let\@LTRfootnotetext\@mpLTRfootnotetext
1946 \let\@RTLfootnotetext\@mpRTLfootnotetext
1947 \let\@listdepth\@mplistdepth \@mplistdepth\z@
1948 \@minipagerestore
1949 \setminipage}
1950 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
1951 \ifnum \@lastchclass=3 5 \else
1952 \z@ \if #1c\@chnum \z@ \else
1953 \if chnum@\ #1 \z@ \else
1954 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1955 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
1956 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1957 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
1958 \@chclass \if #1|\@ne \else
1959 \if #1@\tw@ \else
1960 \if #1p3 \else
1961 \if 3#1 \else \z@ \@preamerr 0\fi
1962 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1963 \fi}%
1964 -{ }
1965 \ifdefinitionfileloaded{array-xetex-bidi}{%
1966 \def\@testpach{\@chclass
1967 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1968 \ifnum \@lastchclass=7 5 \else
1969 \ifnum \@lastchclass=8 \tw@ \else
1970 \ifnum \@lastchclass=9 \thr@@
1971 \else \z@
1972 \ifnum \@lastchclass = 10 \else
1973 \edef\@nextchar{\expandafter\string\@nextchar}%
1974 \@chnum
1975 \if \@nextchar c\z@ \else
1976 \if \@nextchar @\ \else
1977 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1978 \if \@nextchar \if@RTLtab else\ fi\@ne \else
1979 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1980 \if \@nextchar \if@RTLtab else\ @fi\tw@ \else
1981 \z@ \@chclass
1982 \if \@nextchar |\@ne \else
1983 \if \@nextchar !6 \else
1984 \if \@nextchar @7 \else
1985 \if \@nextchar <8 \else
1986 \if \@nextchar >9 \else
1987 10
1988 \@chnum
1989 \if \@nextchar m\thr@@\else
1990 \if \@nextchar thr@@\else\
1991 \if \@nextchar p4 \else
1992 \if \@nextchar 4 \else
1993 \if \@nextchar b5 \else
1994 \if \@nextchar 5 \else

```



```

1995 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi
1996 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
1997 }-}
1998 \@ifdefinitionfileloaded{arydshln-xetex-bidi}{
1999 \ifadl@usingarypkg
2000 \def\@testpach{\@chclass
2001 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
2002 \ifnum \@lastchclass=7 5 \else
2003 \ifnum \@lastchclass=8 \tw@ \else
2004 \ifnum \@lastchclass=9 \thr@@
2005 \else \z@
2006 \ifnum \@lastchclass = 10 \else
2007 \edef\@nextchar{\expandafter\string\@nextchar}%
2008 \@chnum
2009 \if \@nextchar c\z@ \else
2010 \if \@nextchar @z\ \else
2011 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
2012 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
2013 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
2014 \if \@nextchar \if@RTLtab else\ @fi\tw\ \else
2015 \z@ \@chclass
2016 \if\@nextchar | \@ne \let\@arrayrule\adl@arrayrule \else
2017 \if\@nextchar : \@ne \let\@arrayrule\adl@arraydashrule \else
2018 \if\@nextchar ; \@ne \let\@arrayrule\adl@argarraydashrule \else
2019 \if \@nextchar !6 \else
2020 \if \@nextchar @7 \else
2021 \if \@nextchar <8 \else
2022 \if \@nextchar >9 \else
2023 10
2024 \@chnum
2025 \if \@nextchar m\thr@@\else
2026 \if \@nextchar thr@@\else\
2027 \if \@nextchar p4 \else
2028 \if \@nextchar 4 \else
2029 \if \@nextchar b5 \else
2030 \if \@nextchar 5 \else
2031 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
2032 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
2033
2034 \def\@classz{\@classx
2035 \@tempcnta \count@
2036 \prepnext@tok
2037 \@addtopreamble{\ifcase \@chnum
2038 \hfil
2039 \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
2040 \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
2041 \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
2042 \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
2043 \adl@endmbox\or
2044 \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or

```



```

2045 \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
2046 \fi}\prepnext@tok}
2047 \def\adl@class@start{4}
2048 \def\adl@class@iiiorvii{7}
2049
2050 \else
2051 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
2052     \ifnum \@lastchclass=\thr@@ 5\relax \else
2053         \z@ \if #1c\@chnum \z@ \else
2054             \if @chnum\z@\#1 \else
2055                 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
2056                 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
2057                 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
2058                 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
2059                 \@chclass
2060                 \if #1|\@ne \let\@arrayrule\adl@arrayrule \else
2061                 \if #1:\@ne \let\@arrayrule\adl@arraydashrule \else
2062                 \if #1;\@ne \let\@arrayrule\adl@argarraydashrule \else
2063                 \if #1@\tw@ \else
2064                 \if #1p\thr@@ \else
2065                 \if @thr\#1 \else\z@ \@preamerr 0\fi
2066             \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
2067
2068 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2069     \or \or \@addamp \or
2070     \@acolampacol \or \@firstampfalse \@acol \fi
2071 \edef\@preamble{\@preamble
2072     \ifcase \@chnum
2073         \hfil\adl@putlrc{\$relax\@sharp$}\hfil
2074         \or \adl@putlrc{\$relax\@sharp$}\hfil
2075         \or \hfil\adl@putlrc{\$relax\@sharp$}\fi}}
2076 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2077     \or \or \@addamp \or
2078     \@acolampacol \or \@firstampfalse \@acol \fi
2079 \edef\@preamble{\@preamble
2080     \ifcase \@chnum
2081         \hfil\adl@putlrc{\@sharp\unskip}\hfil
2082         \or \adl@putlrc{\@sharp\unskip}\hfil
2083         \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
2084 \def\adl@class@start{6}
2085 \def\adl@class@iiiorvii{3}
2086 \fi
2087 }-}
2088 \@ifdefinitionfileloaded{tabulary-xetex-bidi}{%
2089 \def\@testpach{\@chclass
2090     \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
2091     \ifnum \@lastchclass=7 5 \else
2092     \ifnum \@lastchclass=8 \tw@ \else
2093     \ifnum \@lastchclass=9 \thr@@
2094     \else \z@

```



```

2095 \ifnum \@lastchclass = 10 \else
2096 \edef\@nextchar{\expandafter\string\@nextchar}%
2097 \@chnum
2098 \if \@nextchar c\z@ \else
2099 \if \@nextchar @z\ \else
2100 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
2101 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
2102 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
2103 \if \@nextchar \if@RTLtab else\ @fi\@tw\ \else
2104 \if \@nextchar C7 \else
2105 \if \@nextchar 7 \else
2106 \if \@nextchar L8 \else
2107 \if \@nextchar 8 \else
2108 \if \@nextchar R9 \else
2109 \if \@nextchar 9 \else
2110 \if \@nextchar J10 \else
2111 \if \@nextchar 10 \else
2112 \z@ \@chclass
2113 \if\@nextchar |\@ne \else
2114 \if \@nextchar !6 \else
2115 \if \@nextchar @7 \else
2116 \if \@nextchar <8 \else
2117 \if \@nextchar >9 \else
2118 10
2119 \@chnum
2120 \if \@nextchar m\thr@@\else
2121 \if \@nextchar thr@@\else\
2122 \if \@nextchar p4 \else
2123 \if \@nextchar4 \else
2124 \if \@nextchar b5 \else
2125 \if \@nextchar 5 \else
2126 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi\fi \fi \fi\fi \fi \fi \fi \fi \fi \fi \fi
2127 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
2128 }{}
2129 \@ifdefinitionfileloaded{float-xetex-bidi}{%
2130 \let\@float@Hx\@xfloat
2131 \def\@xfloat#1[{\@ifnextchar{H}{\@float@HH#1}][{\@ifnextchar{ }{\@float@{1#} [ ]{\@float@Hx{#1}
2132 \def\@float@HH#1[H]{%
2133 \expandafter\let\csname end#1\endcsname\float@endH
2134 \let\@currbox\float@box
2135 \def\@capttype{#1}\setbox\@floatcapt=\vbox{}}%
2136 \expandafter\ifx\csname fst@#1\endcsname\relax
2137 \@flstylefalse\else\@flstyletrue\fi
2138 \setbox\@currbox\color\@vbox\normalcolor
2139 \vbox\bgroup \hsize\columnwidth \@parboxrestore
2140 \floatboxreset \setnobreak
2141 \ignorespaces}
2142 \def\@float@[ ]1# {%
2143 \expandafter\let\csname end#1\endcsname\float@endH
2144 \let\@currbox\float@box

```




```

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

```

44 File natbib-xepersian.def

```

2164 \ProvidesFile{natbib-xepersian.def}[2011/08/01 v0.1 adaptations for natbib package]
2165 \renewcommand\NAT@set@cites{%
2166 \ifNAT@numbers
2167 \ifNAT@super \let\@cite\NAT@citesuper
2168 \def\NAT@mbox##1{\unskip\nobreak\textsuperscript{##1}}%
2169 \let\citeyearpar=\citeyear
2170 \let\NAT@space\relax
2171 \def\NAT@super@kern{\kern{p@}}%
2172 \else
2173 \let\NAT@mbox=\mbox
2174 \let\@cite\NAT@citenum
2175 \let\NAT@space\NAT@spacechar
2176 \let\NAT@super@kern\relax
2177 \fi
2178 \let\@citex\NAT@citexnum
2179 \let\@Latincitex\NAT@Latin@citexnum
2180 \let\@biblabel\NAT@biblabelnum
2181 \let\@bibsetup\NAT@bibsetnum
2182 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@num\NAT@close}%
2183 \def\natexlab##1{}%
2184 \def\NAT@penalty{\penalty\@m}%
2185 \else
2186 \let\@cite\NAT@cite
2187 \let\@citex\NAT@citex
2188 \let\@Latincitex\NAT@Latin@citex
2189 \let\@biblabel\NAT@biblabel
2190 \let\@bibsetup\NAT@bibsetup
2191 \let\NAT@space\NAT@spacechar

```



```

2192 \let\NAT@penalty\@empty
2193 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@date\NAT@close}%
2194 \def\natexlab##1{##1}%
2195 \fi}
2196 \newcommand\NAT@Latin@citex{}
2197 \def\NAT@Latin@citex%
2198 [#1][#2]#3{%
2199 \NAT@reset@parser
2200 \NAT@sort@cites{#3}%
2201 \NAT@reset@citea
2202 \@cite{\lr{\let\NAT@nm\@empty\let\NAT@year\@empty
2203 \@for\@citeb:=\NAT@cite@list\do
2204 {\@safe@activestrue
2205 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2206 \@safe@activesfalse
2207 \@ifundefined{b@\@citeb\@extra@b@citeb}{\@citea%
2208 {\reset@font\bfseries ?}\NAT@citeundefined
2209 \PackageWarning{natbib}%
2210 {Citation `@\@citeb' on page \thepage \space undefined}\def\NAT@date{}}%
2211 {\let\NAT@last@nm=\NAT@nm\let\NAT@last@yr=\NAT@year
2212 \NAT@parse{\@citeb}%
2213 \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2214 \let\NAT@name=\NAT@all@names
2215 \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}}%
2216 \fi
2217 \ifNAT@full\let\NAT@nm\NAT@all@names\else
2218 \let\NAT@nm\NAT@name\fi
2219 \ifNAT@swa\ifcase\NAT@ctype
2220 \if\relax\NAT@date\relax
2221 \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}\NAT@date}%
2222 \else
2223 \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2224 \ifx\NAT@last@yr\NAT@year
2225 \def\NAT@temp{?}%
2226 \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2227 {Multiple citation on page \thepage: same authors and
2228 year\MessageBreak without distinguishing extra
2229 letter,\MessageBreak appears as question mark}\fi
2230 \NAT@hyper@{\NAT@exlab}%
2231 \else\unskip\NAT@spacechar
2232 \NAT@hyper@{\NAT@date}%
2233 \fi
2234 \else
2235 \@citea\NAT@hyper@{%
2236 \NAT@nmfmt{\NAT@nm}%
2237 \hyper@natlinkbreak{%
2238 \NAT@aysep\NAT@spacechar}{\@citeb\@extra@b@citeb
2239 }%
2240 \NAT@date
2241 }%

```



```

2242     \fi
2243   \fi
2244   \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2245   \or\@citea\NAT@hyper@{\NAT@date}%
2246   \or\@citea\NAT@hyper@{\NAT@alias}%
2247   \fi \NAT@def@citea
2248   \else
2249     \ifcase\NAT@ctype
2250     \if\relax\NAT@date\relax
2251       \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2252     \else
2253       \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2254         \ifx\NAT@last@yr\NAT@year
2255           \def\NAT@temp{?}%
2256           \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2257             {Multiple citation on page \thepage: same authors and
2258             year\MessageBreak without distinguishing extra
2259             letter,\MessageBreak appears as question mark}\fi
2260           \NAT@hyper@{\NAT@exlab}%
2261         \else
2262           \unskip\NAT@spacechar
2263           \NAT@hyper@{\NAT@date}%
2264         \fi
2265       \else
2266         \@citea\NAT@hyper@{%
2267           \NAT@nmfmt{\NAT@nm}%
2268           \hyper@natlinkbreak{\NAT@spacechar\NAT@@open\if*#1*\else#1\NAT@spacechar\fi}%
2269           {\@citeb\@extra@b@citeb}%
2270           \NAT@date
2271         }%
2272       \fi
2273     \fi
2274     \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2275     \or\@citea\NAT@hyper@{\NAT@date}%
2276     \or\@citea\NAT@hyper@{\NAT@alias}%
2277     \fi
2278     \if\relax\NAT@date\relax
2279       \NAT@def@citea
2280     \else
2281       \NAT@def@citea@close
2282     \fi
2283   \fi
2284   }}\ifNAT@swa\else\if*#2*\else\NAT@cmt#2\fi
2285   \if\relax\NAT@date\relax\else\NAT@@close\fi\fi}}{#1}{#2}}
2286 \newcommand\NAT@Latin@citexnum{}
2287 \def\NAT@Latin@citexnum[#1][#2]#3{%
2288   \NAT@reset@parser
2289   \NAT@sort@cites{#3}%
2290   \NAT@reset@citea
2291   \@cite{\lr{\def\NAT@num{-1}\let\NAT@last@yr\relax\let\NAT@nm\@empty

```



```

2292 \@for\@citeb:=\NAT@cite@list\do
2293 {\@safe@activestru
2294 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2295 \@safe@activesfalse
2296 \@ifundefined{b@\@citeb\@extra@b@citeb}{%
2297   {\reset@font\bfseries?}
2298   \NAT@citeundefined\PackageWarning{natbib}%
2299   {Citation `@\@citeb' on page \thepage \space undefined}}%
2300 {\let\NAT@last@num\NAT@num\let\NAT@last@nm\NAT@nm
2301 \NAT@parse{\@citeb}%
2302 \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2303   \let\NAT@name=\NAT@all@names
2304   \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}%
2305 \fi
2306 \ifNAT@full\let\NAT@nm\NAT@all@names\else
2307   \let\NAT@nm\NAT@name\fi
2308 \ifNAT@swa
2309   \@ifnum{\NAT@ctype>\@ne}{%
2310     \citea
2311     \NAT@hyper@{\@ifnum{\NAT@ctype=\tw@}{\NAT@test{\NAT@ctype}}{\NAT@alias}}%
2312   }{%
2313     \@ifnum{\NAT@cmprs>\z@}{%
2314       \NAT@ifcat@num\NAT@num
2315       {\let\NAT@nm=\NAT@num}%
2316       {\def\NAT@nm{-2}}%
2317       \NAT@ifcat@num\NAT@last@num
2318       {\@tempcnta=\NAT@last@num\relax}%
2319       {\@tempcnta\m@ne}%
2320       \@ifnum{\NAT@nm=\@tempcnta}{%
2321         \@ifnum{\NAT@merge>\@ne}{\NAT@last@yr@mbbox}%
2322       }{%
2323         \advance\@tempcnta by\@ne
2324         \@ifnum{\NAT@nm=\@tempcnta}{%
2325           \ifx\NAT@last@yr\relax
2326             \def\NAT@last@yr{\citea}%
2327           \else
2328             \def\NAT@last@yr{--\NAT@penalty}%
2329           \fi
2330         }{%
2331           \NAT@last@yr@mbbox
2332         }%
2333       }%
2334     }{%
2335       \@tempswatrue
2336       \@ifnum{\NAT@merge>\@ne}{\@ifnum{\NAT@last@num=\NAT@num\relax}{\@tempswafalse}}{}%
2337       \if@tempswa\NAT@citea@mbbox\fi
2338     }%
2339   }%
2340   \NAT@def@citea
2341 \else

```



```

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

```

45 File packages-localise-xepersian.def

```

2379 packages} \-localise-xepersian.def][2013/04/24 v0.2 localising LaTeX2e Packages]
2380 color} \}{color} @\-localise-xepersian.def}}{}
2381 \@ifpackageloaded{multicol}{%
2382 \newenvironment{ }{\begin{multicols}}{\end{multicols}}%
2383 \newenvironment{ *}{\begin{multicols*}}{\end{multicols*}}%
2384 }{}
2385 \@ifpackageloaded{verbatim}{%
2386 \begingroup
2387 \vrb@catcodes
2388 \lccode`!\!=`\ \lccode`\ [=`\{ \lccode`\]=`\}

```



```

2389 \catcode\-=\active \lccode\-=\^^M
2390 \lccode\C=\C
2391 \lowercase{\endgroup
2392   \def\xepersian@localize@verbatim@start#1{%
2393     \verbatim@startline
2394     \if\noexpand#1\noexpand~%
2395       \let\next\xepersian@localize@verbatim@
2396     \else \def\next{\xepersian@localize@verbatim@#1}\fi
2397     \next}%
2398   \def\xepersian@localize@verbatim@#1~{\xepersian@localize@verbatim@@#1! \@nil}%
2399   \def\xepersian@localize@verbatim@@#1! {%
2400     \verbatim@addtoline{#1}%
2401     \futurelet\next\xepersian@localize@verbatim@@@}%
2402   \def\xepersian@localize@verbatim@@@#1\@nil{%
2403     \ifx\next\@nil
2404       \verbatim@processline
2405       \verbatim@startline
2406       \let\next\xepersian@localize@verbatim@
2407     \else
2408       \def\@tempa##1! \@nil{##1}%
2409       \@temptokena{! }%
2410       \def\next{\expandafter\xepersian@localize@verbatim@test\@tempa#1\@nil~}%
2411       \fi \next}%
2412   \def\xepersian@localize@verbatim@test#1{%
2413     \let\next\xepersian@localize@verbatim@test
2414     \if\noexpand#1\noexpand~%
2415       \expandafter\verbatim@addtoline
2416       \expandafter{\the\@temptokena}%
2417       \verbatim@processline
2418       \verbatim@startline
2419       \let\next\xepersian@localize@verbatim@
2420     \else \if\noexpand#1
2421       \@temptokena\expandafter{\the\@temptokena#1}%
2422     \else \if\noexpand#1\noexpand[%
2423       \let\@tempc\@empty
2424       \let\next\xepersian@localize@verbatim@testend
2425     \else
2426       \expandafter\verbatim@addtoline
2427       \expandafter{\the\@temptokena}%
2428       \def\next{\xepersian@localize@verbatim@#1}%
2429       \fi\fi\fi
2430     \next}%
2431   \def\xepersian@localize@verbatim@testend#1{%
2432     \if\noexpand#1\noexpand~%
2433       \expandafter\verbatim@addtoline
2434       \expandafter{\the\@temptokena}%
2435       \expandafter\verbatim@addtoline
2436       \expandafter{\@tempc}%
2437       \verbatim@processline
2438       \verbatim@startline

```



```

2439         \let\next\xepersian@localize@verbatim@
2440     \else\if\noexpand#1\noexpand]%
2441         \let\next\xepersian@localize@verbatim@@testend
2442     \else\if\noexpand#1\noexpand!%
2443         \expandafter\verbatim@addtoline
2444         \expandafter{\the\@temptokena []}%
2445         \expandafter\verbatim@addtoline
2446         \expandafter{\@tempc}%
2447         \def\next{\xepersian@localize@verbatim@!}%
2448     \else \expandafter\def\expandafter\@tempc\expandafter
2449         {\@tempc#1}\fi\fi\fi
2450     \next}%
2451 \def\xepersian@localize@verbatim@@testend{%
2452     \ifx\@tempc\@currentvir
2453         \verbatim@finish
2454     \edef\next{\noexpand\end{\@currentvir}}%
2455         \noexpand\xepersian@localize@verbatim@rescan{\@currentvir}}%
2456     \else
2457         \expandafter\verbatim@addtoline
2458         \expandafter{\the\@temptokena []}%
2459         \expandafter\verbatim@addtoline
2460         \expandafter{\@tempc}}%
2461     \let\next\xepersian@localize@verbatim@
2462     \fi
2463     \next}%
2464 \def\xepersian@localize@verbatim@rescan#1#2~{\if\noexpand~\noexpand#2~\else
2465     \@warning{Characters dropped after `string\end{#1}'}\fi}}%
2466 \def\
2467     {\begingroup\@verbatim \frenchspacing\@vobeyspaces
2468     \xepersian@localize@verbatim@start}
2469 \@namedef{
2470     *}{\begingroup\@verbatim\xepersian@localize@verbatim@start}
2471 \def\end
2472     {\endtrivlist\endgroup\@doendpe}
2473 \expandafter\let\csname end
2474     *\endcsname =\end
2475 }-}
2476 \ExplSyntaxOn
2477 \AtBeginDocument{
2478     \xepersian_localize_patch_verbatim:
2479 }
2480 \cs_set:Npn \xepersian_localize_patch_verbatim: {
2481     \@ifpackageloaded{verbatim}{
2482         \cs_set:cpn {*
2483             } }
2484         \group_begin: \@verbatim \fontspec_print_visible_spaces: \xepersian@localize@verbatim@st
2485     }
2486 }{
2487 }
2488 }
2489 \ExplSyntaxOff
2490 \@ifpackageloaded{graphicx}{%
2491 \def\Gin@boolkey#1#2{%
2492 \expandafter\ifdefinable \csname Gin@#2 \endcsname{%
2493 \expandafter\let\csname Gin@#2 \endcsname\csname Gin@#2true\endcsname}%

```



```

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

```

46 File persian-tex-text.map

```

2527 LHSName "persian-TeX-text"
2528 RHSName "Unicode"
2529
2530 pass(Unicode)
2531 U+0030 <> U+06F0 ;
2532 U+0031 <> U+06F1 ;
2533 U+0032 <> U+06F2 ;
2534 U+0033 <> U+06F3 ;
2535 U+0034 <> U+06F4 ;

```




```

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

```

47 File rapport1-xepersian.def

```

2565 \ProvidesFile{rapport1-xepersian.def}[2010/07/25 v0.1 adaptations for rapport1 class]
2566 \renewcommand*\thepart{\@tartibi\c@part}
2567 \renewcommand*\appendix{\par
2568   \setcounter{chapter}{0}%
2569   \setcounter{section}{0}%
2570   \gdef\@chapapp{\appendixname}%
2571   \gdef\thechapter{\@harfi\c@chapter}}

```

48 File rapport3-xepersian.def

```

2572 \ProvidesFile{rapport3-xepersian.def}[2010/07/25 v0.2 adaptations for rapport3 class]
2573 \renewcommand*\thepart{\@tartibi\c@part}
2574 \renewcommand*\appendix{\par
2575   \setcounter{chapter}{0}%
2576   \setcounter{section}{0}%
2577   \gdef\@chapapp{\appendixname}%
2578   \gdef\thechapter{\@harfi\c@chapter}}

```



49 File refrep-xepersian.def

```
2579 \ProvidesFile{refrep-xepersian.def}[2010/07/25 v0.2 adaptations for refrep class]
2580 \renewcommand \thepart {\@tartibi\c@part}
2581 \renewcommand\appendix{\par
2582   \setcounter{chapter}{0}%
2583   \setcounter{section}{0}%
2584   \gdef\@chapapp{\appendixname}%
2585   \gdef\thechapter{\@harfi\c@chapter}
2586 }%end appendix
```

50 File report-xepersian.def

```
2587 \ProvidesFile{report-xepersian.def}[2010/07/25 v0.2 adaptations for standard report class]
2588 \renewcommand \thepart {\@tartibi\c@part}
2589 \renewcommand\appendix{\par
2590   \setcounter{chapter}{0}%
2591   \setcounter{section}{0}%
2592   \gdef\@chapapp{\appendixname}%
2593   \gdef\thechapter{\@harfi\c@chapter}
2594 }%end appendix
```

51 File scartcl-xepersian.def

```
2595 \ProvidesFile{scartcl-xepersian.def}[2010/07/25 v0.2 adaptations for scartcl class]
2596 \renewcommand*\thepart{\@tartibi\c@part}
2597 \renewcommand*\appendix{\par%
2598   \setcounter{section}{0}%
2599   \setcounter{subsection}{0}%
2600   \gdef\thesection{\@harfi\c@section}%
2601   \csname appendixmore\endcsname
2602 }
2603 \renewcommand*\@maybeautodot}[1]{%
2604   \ifx #1\@stop\let\@maybeautodot\relax
2605   \else
2606     \ifx #1\harfi \@autodottrue\fi
2607     \ifx #1\adadi \@autodottrue\fi
2608     \ifx #1\tartibi \@autodottrue\fi
2609     \ifx #1\Alph \@autodottrue\fi
2610     \ifx #1\alph \@autodottrue\fi
2611     \ifx #1\Roman \@autodottrue\fi
2612     \ifx #1\roman \@autodottrue\fi
2613     \ifx #1\@harfi \@autodottrue\fi
2614     \ifx #1\@adadi \@autodottrue\fi
2615     \ifx #1\@tartibi \@autodottrue\fi
2616     \ifx #1\@Alph \@autodottrue\fi
2617     \ifx #1\@alph \@autodottrue\fi
2618     \ifx #1\@Roman \@autodottrue\fi
2619     \ifx #1\@roman \@autodottrue\fi
2620     \ifx #1\romannumeral \@autodottrue\fi
```



```

2621 \fi
2622 \@maybeautodot
2623 }

```

52 File scrbook-xepersian.def

```

2624 \ProvidesFile{scrbook-xepersian.def}[2010/07/25 v0.2 adaptations for scrbook class]
2625 \renewcommand*\frontmatter{%
2626 \if@twoside\cleardoubleoddpag\else\clearpage\fi
2627 \@mainmatterfalse\pagenumbering{harfi}%
2628 }
2629 \renewcommand*\thepart{\@tartibi\c@part}
2630 \renewcommand*\appendix{\par%
2631 \setcounter{chapter}{0}%
2632 \setcounter{section}{0}%
2633 \gdef\@chapapp{\appendixname}%
2634 \gdef\thechapter{\@harfi\c@chapter}%
2635 \csname appendixmore\endcsname
2636 }
2637 \renewcommand*\@maybeautodot}[1]{%
2638 \ifx #1\@stop\let\@maybeautodot\relax
2639 \else
2640 \ifx #1\harfi \@autodottrue\fi
2641 \ifx #1\adadi \@autodottrue\fi
2642 \ifx #1\tartibi \@autodottrue\fi
2643 \ifx #1\Alph \@autodottrue\fi
2644 \ifx #1\alph \@autodottrue\fi
2645 \ifx #1\Roman \@autodottrue\fi
2646 \ifx #1\roman \@autodottrue\fi
2647 \ifx #1\@harfi \@autodottrue\fi
2648 \ifx #1\@adadi \@autodottrue\fi
2649 \ifx #1\@tartibi \@autodottrue\fi
2650 \ifx #1\@Alph \@autodottrue\fi
2651 \ifx #1\@alph \@autodottrue\fi
2652 \ifx #1\@Roman \@autodottrue\fi
2653 \ifx #1\@roman \@autodottrue\fi
2654 \ifx #1\romannumeral \@autodottrue\fi
2655 \fi
2656 \@maybeautodot
2657 }

```

53 File screprt-xepersian.def

```

2658 \ProvidesFile{screprt-xepersian.def}[2010/07/25 v0.2 adaptations for screprt class]
2659 \renewcommand*\thepart{\@tartibi\c@part}
2660 \renewcommand*\appendix{\par%
2661 \setcounter{chapter}{0}%
2662 \setcounter{section}{0}%
2663 \gdef\@chapapp{\appendixname}%
2664 \gdef\thechapter{\@harfi\c@chapter}%

```



```

2665 \csname appendixmore\endcsname
2666 }
2667 \renewcommand*{\@@maybeautodot}[1]{%
2668 \ifx #1\@stop\let\@@maybeautodot\relax
2669 \else
2670 \ifx #1\harfi \@autodottrue\fi
2671 \ifx #1\adadi \@autodottrue\fi
2672 \ifx #1\tartibi \@autodottrue\fi
2673 \ifx #1\Alph \@autodottrue\fi
2674 \ifx #1\alph \@autodottrue\fi
2675 \ifx #1\Roman \@autodottrue\fi
2676 \ifx #1\roman \@autodottrue\fi
2677 \ifx #1\@harfi \@autodottrue\fi
2678 \ifx #1\@adadi \@autodottrue\fi
2679 \ifx #1\@tartibi \@autodottrue\fi
2680 \ifx #1\@Alph \@autodottrue\fi
2681 \ifx #1\@alph \@autodottrue\fi
2682 \ifx #1\@Roman \@autodottrue\fi
2683 \ifx #1\@roman \@autodottrue\fi
2684 \ifx #1\romannumeral \@autodottrue\fi
2685 \fi
2686 \@@maybeautodot
2687 }

```

54 File soul-xepersian.def

```

2688 \ProvidesFile{soul-xepersian.def}[2018/12/12 v0.2 adaptations for soul package]
2689 \let\SOUL@tt@latin\SOUL@tt
2690 \newfontface{\SOUL@tt@nonlatin}{Times New Roman}
2691 \def\SOUL@tt{%
2692 \if@nonlatin
2693 \SOUL@tt@nonlatin
2694 \else
2695 \SOUL@tt@latin
2696 \fi
2697 }
2698 \bidi@appto\resetlatinfont{%
2699 \setbox\z@\hbox{\SOUL@tt-}%
2700 \SOUL@ttwidth\wd\z@
2701 }
2702 \bidi@appto\setpersianfont{%
2703 \setbox\z@\hbox{\SOUL@tt-}%
2704 \SOUL@ttwidth\wd\z@
2705 }

```

55 File tikz.code-xepersian.def

```

2706 \ProvidesFile{tikz.code-xepersian.def}[2018/12/11 v0.1 adaptations for tikz.code.tex file]
2707 \bidi@patchcmd\tikz@finish{%
2708 \beginngroup

```



```

2709 \tikz@options
2710 }{%
2711 \begingroup
2712 \@@textdigitfont@onfalse
2713 \tikz@options
2714 }{}{}

```

56 File tkz-linknodes-xepersian.def

```

2715 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes packa
2716 \renewcommand*{\@SetTab}{%
2717 \let\@alph\@linalph%
2718 \ifnum \value{C@NumTab}>25\relax%
2719 \setcounter{C@NumTab}{1}%
2720 \else%
2721 \stepcounter{C@NumTab}%
2722 \fi%
2723 \setcounter{C@NumGroup}{0}%
2724 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2725 \setboolean{B@FirstLink}{true}
2726 \setboolean{B@NewGroup}{false}
2727 \setcounter{C@NumGroup}{0}
2728 \setcounter{C@CurrentGroup}{0}
2729 \setcounter{NumC@Node}{0}
2730 \setcounter{NumC@stop}{0}
2731 \setcounter{C@NextNode}{0}
2732 \setcounter{C@CurrentStop}{0}
2733 \setcounter{C@CurrentNode}{0}
2734 }%

```

57 File tocloft-xepersian.def

```

2735 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2736 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2737 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2738 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}
2739 \renewcommand*{\cftsubsubsecname}{\if@RTL else\ subsubsection\fi}
2740 \renewcommand*{\cftparaname}{\if@RTL else\ paragraph\fi}
2741 \renewcommand*{\cftsubparaname}{\if@RTL else\ subparagraph\fi}
2742 \renewcommand*{\cftfigname}{\if@RTL else\ figure\fi}
2743 \renewcommand*{\cftsubfigname}{\if@RTL else\ subfigure\fi}
2744 \renewcommand*{\cfttabname}{\if@RTL else\ table\fi}
2745 \renewcommand*{\cftsubtabname}{\if@RTL else\ subtable\fi}

```

58 File varioref-xepersian.def

```

2746 \ProvidesFile{varioref-xepersian.def}[2018/09/29 v0.1 bilingual captions for varioref package]
2747 \def\reftextfaceafter{%
2748 \if@RTL
2749

```



```

2750 \reftextvario{ }{ }%
2751   \else
2752     on the \reftextvario{facing}{next} page%
2753   \fi
2754 }
2755 \def\reftextfacebefore{%
2756   \if@RTL
2757
2758 \reftextvario{ }{ }%
2759   \else
2760     on the \reftextvario{facing}{preceding} page%
2761   \fi
2762 }
2763 \def\reftextafter{%
2764   \if@RTL
2765
2766 \reftextvario{ }{ }%
2767   \else
2768     on the \reftextvario{following}{next} page%
2769   \fi
2770 }
2771 \def\reftextbefore{%
2772   \if@RTL
2773
2774 \reftextvario{ }{ }%
2775   \else
2776     on the \reftextvario{preceding}{previous} page%
2777   \fi
2778 }
2779 \def\reftextcurrent{%
2780   \if@RTL
2781
2782 \reftextvario{ }{ }%
2783   \else
2784     on \reftextvario{this}{the current} page%
2785   \fi
2786 }
2787 \def\reftextfaraway#1{%
2788   \if@RTL
2789   %
2790 ~\pageref{#1}%
2791   \else
2792     on page~\pageref{#1}%
2793   \fi
2794 }
2795 \def\reftextpagerange#1#2{%
2796   \if@RTL
2797   %
2798 ~\pageref{#1}--\pageref{#2}%
2799   \else

```



```

2800   on pages~\pageref{#1}--\pageref{#2}%
2801   \fi
2802 }
2803 \def\reftextlabelrange#1#2{%
2804   \if@RTL
2805     \ref{#1} %ref{#2}\~
2806   \else
2807     \ref{#1} to~\ref{#2}%
2808   \fi
2809 }

```

59 File xepersian.sty

```

2810 \NeedsTeXFormat{LaTeX2e}
2811 \def\xepersian@version{22.6}
2812 \def\xepersiandate{2019/03/03}
2813 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2814 Persian typesetting in XeLaTeX]
2815 \RequirePackage{fontspec}
2816 \RequirePackage{xepersian-persiancal}
2817 \RequirePackage{xepersian-mathsdigitspec}
2818 \RequirePackage{bidi}
2819 \edef\xepersian@info{*****~^J%
2820 * ~^J%
2821 * xepersian package (Persian for LaTeX, using XeTeX engine)^~J%
2822 * ~^J%
2823 * Description: The package supports Persian~^J%
2824 * typesetting, using fonts provided in the~^J%
2825 * distribution.~^J%
2826 * ~^J%
2827 * Copyright (c) 2008--2019 Vafa Khalighi~^J%
2828 * ~^J%
2829 * v\xepersian@version, \xepersiandate~^J%
2830 * ~^J%
2831 * License: LaTeX Project Public License, version~^J%
2832 * 1.3c or higher (your choice)^~J%
2833 * ~^J%
2834 * Location on CTAN: /macros/xetex/latex/xepersian~^J%
2835 * ~^J%
2836 * Issue tracker: https://github.com/vafa-ac/xepersian/issues~^J%
2837 * ~^J%
2838 *****}
2839 \typeout{\xepersian@info}
2840 \edef\xepersian@everyjob{\the\everyjob}
2841 \everyjob{\xepersian@everyjob\typeout{\xepersian@info}}
2842 \newcommand*\xepersianversion
2843   {\ensuremath\xepersian@version}
2844 \newcommand*\IfxepersianPackageVersionLater}[1]{%
2845   \ifdim\xepersian@version pt > #1 pt %
2846     \expandafter\@firstoftwo

```



```

2847 \else
2848 \expandafter\@secondoftwo
2849 \fi}
2850 \newcommand*\IfxepersianPackageVersionBefore}[1]{%
2851 \ifdim\xepersian@version pt < #1 pt %
2852 \expandafter\@firstoftwo
2853 \else
2854 \expandafter\@secondoftwo
2855 \fi}
2856 \newcommand*\IfxepersianPackageVersion}[1]{%
2857 \ifdim\xepersian@version pt = #1 pt %
2858 \expandafter\@firstoftwo
2859 \else
2860 \expandafter\@secondoftwo
2861 \fi}
2862 \def\prq{«}
2863 \def\plq{»}
2864 \def\xepersian@cmds@temp#1{%
2865 \begingroup\expandafter\expandafter\expandafter\endgroup
2866 \expandafter\ifx\csname xepersian@#1\endcsname\relax
2867 \begingroup
2868 \escapechar=-1 %
2869 \edef\x{\expandafter\meaning\csname#1\endcsname}%
2870 \def\y{#1}%
2871 \def\z##1->{%}
2872 \edef\y{\expandafter\z\meaning\y}%
2873 \expandafter\endgroup
2874 \ifx\x\y
2875 \expandafter\def\csname xepersian@#1\expandafter\endcsname
2876 \expandafter{%
2877 \csname#1\endcsname
2878 }%
2879 \fi
2880 \fi
2881 }%
2882 \xepersian@cmds@temp{shellescape}
2883 \newif\ifwritexviii
2884 \ifnum\xepersian@shellescape=1\relax
2885 \writexviii>true
2886 \else
2887 \writexviii>false
2888 \fi
2889 \newfontscript{Persian}{arab}
2890 \newfontlanguage{Persian}{FAR}
2891 \ExplSyntaxOn
2892
2893 \keys_define:nm {fontspec-opentype}
2894 {
2895 Ligatures / PersianTeX .code:n = { \tl_set:Nn \l__fontspec_mapping_tl {persian-tex-text} }
2896 Ligatures / PersianTeXReset .code:n = { \tl_clear:N \l__fontspec_mapping_tl },

```




```

2897 }
2898
2899 \keys_define:nn {fontspec-aat}
2900 {
2901   Ligatures / PersianTeX .code:n =
2902   {
2903     \tl_set:Nn \l__fontspec_mapping_tl { persian-tex-text }
2904   }
2905 }
2906
2907 \DeclareDocumentCommand \settextfont { 0{} m 0{} }
2908 {
2909   \__xepersian_main_settextfont:nn {#1,#3} {#2}
2910   \ignorespaces
2911 }
2912 \cs_new:Nn \__xepersian_main_settextfont:nn
2913 {
2914   \fontspec_set_family:Nnn \l__xepersian_persianfont_family_tl {Script=Persian,Ligatures=Persi
2915   \tl_set_eq:NN \rmdefault \l__xepersian_persianfont_family_tl
2916   \use:x { \exp_not:n { \DeclareRobustCommand \persianfont }
2917   {
2918     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2919     \exp_not:N \fontfamily { \l__xepersian_persianfont_family_tl }
2920     \exp_not:N \selectfont
2921   }
2922 }
2923 \str_if_eq_x:nnT {\familydefault} {\rmdefault}
2924 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2925 \__xepersian_settextfont_hook:nn {#1} {#2}
2926 \normalfont
2927 }
2928
2929 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2930
2931 \DeclareDocumentCommand \settextdigitfont { 0{} m 0{} }
2932 {
2933   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2934   \ignorespaces
2935 }
2936 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2937 {
2938   \fontspec_set_family:Nnn \l__xepersian_textdigitfont_family_tl {Script=Persian,Ligatures=Per
2939   \use:x
2940   {
2941     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2942     {
2943       \exp_not:N \fontfamily { \l__xepersian_textdigitfont_family_tl }
2944       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2945       \exp_not:N \selectfont
2946     }

```



```

2947 }
2948 \xepersian_settextdigitfont_hook:nn {#1} {#2}
2949 \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@
2950 \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@
2951 \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2952 \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2953 \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@swi
2954 \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInterC
2955 \if@bidi@csundef{xepersian@D}}{ }{
2956 \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@text
2957 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textd
2958 \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@text
2959 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textd
2960 \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textd
2961 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textd
2962 \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@text
2963 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textd
2964 \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@text
2965 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textd
2966 }
2967 }
2968
2969 \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\
2970 \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\i
2971
2972 \cs_set_eq:NN \xepersian_settextdigitfont_hook:nn \use_none:nn
2973
2974 \DeclareDocumentCommand \setdigitfont { 0{} m 0{} }
2975 {
2976 \xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2977 \xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2978 \ignorespaces
2979 }
2980
2981
2982 \DeclareDocumentCommand \setlatintextfont { 0{} m 0{} }
2983 {
2984 \xepersian_main_setlatintextfont:nn {#1,#3} {#2}
2985 \ignorespaces
2986 }
2987 \cs_new:Nn \xepersian_main_setlatintextfont:nn
2988 {
2989 \fontspec_set_family:Nnn \l__xepersian_latinfont_family_tl {Ligatures=TeX,#1} {#2}
2990 \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
2991 {
2992 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2993 \exp_not:N \fontfamily { \l__xepersian_latinfont_family_tl }
2994 \exp_not:N \selectfont
2995 }
2996 }

```



```

2997 \str_if_eq_x:nnT {\familydefault} {\rmdefault}
2998   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2999 \__xepersian_setlatintextfont_hook:nn {#1} {#2}
3000 \normalfont
3001 }
3002
3003 \cs_set_eq:NN \__xepersian_setlatintextfont_hook:nn \use_none:nn
3004
3005 \tl_set_eq:NN \setlatinsansfont \setsansfont
3006 \tl_set_eq:NN \setlatinmonofont \setmonofont
3007
3008 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
3009   {
3010     \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
3011     \NewDocumentCommand
3012   }
3013 \DeclareDocumentCommand \redefpersianfont { m O{} m O{} }
3014   {
3015     \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
3016     \RenewDocumentCommand
3017   }
3018 \cs_new:Nn \__xepersian_main_defpersianfont:nnnN
3019   {
3020     \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Persian,Ligatures=TeX}
3021     \use:x
3022     {
3023       \exp_not:N #4 \exp_not:N #1 {}
3024       {
3025         \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
3026         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3027         \exp_not:N \selectfont
3028       }
3029     }
3030 }
3031
3032 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
3033   {
3034     \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
3035     \NewDocumentCommand
3036   }
3037 \DeclareDocumentCommand \redeflatinfont { m O{} m O{} }
3038   {
3039     \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
3040     \RenewDocumentCommand
3041   }
3042 \cs_new:Nn \__xepersian_main_deflatinfont:nnnN
3043   {
3044     \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Ligatures=TeX,#2} {#3}
3045     \use:x
3046     {

```



```

3047 \exp_not:N #4 \exp_not:N #1 {}
3048 {
3049 \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
3050 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3051 \exp_not:N \selectfont
3052 }
3053 }
3054 }
3055
3056 \newcommand\persiansfdefault{}
3057 \newcommand\persianttdefault{}
3058 \newcommand\iranicdefault{}
3059 \newcommand\navardefault{}
3060 \newcommand\pookdefault{}
3061 \newcommand\sayehdefault{}
3062 \DeclareRobustCommand\persiansffamily
3063     {\not@math@alphabet\persiansffamily\mathpersiansf
3064     \fontfamily\persiansfdefault\selectfont}
3065 \DeclareRobustCommand\persianttfamily
3066     {\not@math@alphabet\persianttfamily\mathpersiantt
3067     \fontfamily\persianttdefault\selectfont}
3068 \DeclareRobustCommand\iranicfamily
3069     {\not@math@alphabet\iranicfamily\mathiranic
3070     \fontfamily\iranicdefault\selectfont}
3071 \DeclareRobustCommand\navarfamily
3072     {\not@math@alphabet\navarfamily\mathnavar
3073     \fontfamily\navardefault\selectfont}
3074 \DeclareRobustCommand\pookfamily
3075     {\not@math@alphabet\pookfamily\mathpook
3076     \fontfamily\pookdefault\selectfont}
3077 \DeclareRobustCommand\sayehfamily
3078     {\not@math@alphabet\sayehfamily\mathsayeh
3079     \fontfamily\sayehdefault\selectfont}
3080 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
3081 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
3082 \DeclareTextFontCommand{\textiranic}{\iranicfamily}
3083 \DeclareTextFontCommand{\textnavar}{\navarfamily}
3084 \DeclareTextFontCommand{\textpook}{\pookfamily}
3085 \DeclareTextFontCommand{\textsayeh}{\sayehfamily}
3086
3087 \DeclareDocumentCommand \setpersiansansfont { 0{} m 0{} }
3088 {
3089     \__xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
3090     \ignorespaces
3091 }
3092 \cs_new:Nn \__xepersian_main_setpersiansansfont:nn
3093 {
3094     \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Persian,Ligatures=P
3095     \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl
3096     \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }

```



```

3097 {
3098   \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3099   \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
3100   \exp_not:N \selectfont
3101 }
3102 }
3103 \str_if_eq_x:nnT {\familydefault} {\persiansfdefault}
3104   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3105   \__xepersian_setpersiansansfont_hook:nn {#1} {#2}
3106 \normalfont
3107 }
3108
3109 \cs_set_eq:NN \__xepersian_setpersiansansfont_hook:nn \use_none:nn
3110
3111 \DeclareDocumentCommand \setpersianmonofont { 0{} m 0{} }
3112 {
3113   \__xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
3114   \ignorespaces
3115 }
3116 \cs_new:Nn \__xepersian_main_setpersianmonofont:nn
3117 {
3118   \fontspec_set_family:Nnn \l__xepersian_persianttfamily_family_tl {Script=Persian,Ligatures=Persi
3119   \tl_set_eq:NN \persianttdefault \l__xepersian_persianttfamily_family_tl
3120   \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
3121     {
3122       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3123       \exp_not:N \fontfamily { \l__xepersian_persianttfamily_family_tl }
3124       \exp_not:N \selectfont
3125     }
3126   }
3127   \str_if_eq_x:nnT {\familydefault} {\persianttdefault}
3128     { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3129   \__xepersian_setpersianmonofont_hook:nn {#1} {#2}
3130   \normalfont
3131 }
3132
3133 \cs_set_eq:NN \__xepersian_setpersianmonofont_hook:nn \use_none:nn
3134
3135 \DeclareDocumentCommand \setnavarfont { 0{} m 0{} }
3136 {
3137   \__xepersian_main_setnavarfont:nn {#1,#3} {#2}
3138   \ignorespaces
3139 }
3140 \cs_new:Nn \__xepersian_main_setnavarfont:nn
3141 {
3142   \fontspec_set_family:Nnn \l__xepersian_navarfamilly_family_tl {Script=Persian,Ligatures=Persi
3143   \tl_set_eq:NN \navardefault \l__xepersian_navarfamilly_family_tl
3144   \use:x { \exp_not:n { \DeclareRobustCommand \navarfamilly }
3145     {
3146       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }

```



```

3147 \exp_not:N \fontfamily { \l__xepersian_navarfamilly_family_tl }
3148 \exp_not:N \selectfont
3149 }
3150 }
3151 \str_if_eq_x:nnT {\familydefault} {\navardefault}
3152 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3153 \__xepersian_setnavarfont_hook:nn {#1} {#2}
3154 \normalfont
3155 }
3156
3157 \cs_set_eq:NN \__xepersian_setnavarfont_hook:nn \use_none:nn
3158
3159 \DeclareDocumentCommand \setpookfont { 0{} m 0{} }
3160 {
3161 \__xepersian_main_setpookfont:nn {#1,#3} {#2}
3162 \ignorespaces
3163 }
3164 \cs_new:Nn \__xepersian_main_setpookfont:nn
3165 {
3166 \fontspec_set_family:Nnn \l__xepersian_pookfamily_family_tl {Script=Persian,Ligatures=Persia
3167 \tl_set_eq:NN \pookdefault \l__xepersian_pookfamily_family_tl
3168 \use:x { \exp_not:n { \DeclareRobustCommand \pookfamily }
3169 {
3170 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3171 \exp_not:N \fontfamily { \l__xepersian_pookfamily_family_tl }
3172 \exp_not:N \selectfont
3173 }
3174 }
3175 \str_if_eq_x:nnT {\familydefault} {\pookdefault}
3176 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3177 \__xepersian_setpookfont_hook:nn {#1} {#2}
3178 \normalfont
3179 }
3180
3181 \cs_set_eq:NN \__xepersian_setpookfont_hook:nn \use_none:nn
3182
3183 \DeclareDocumentCommand \setsayehfont { 0{} m 0{} }
3184 {
3185 \__xepersian_main_setsayehfont:nn {#1,#3} {#2}
3186 \ignorespaces
3187 }
3188 \cs_new:Nn \__xepersian_main_setsayehfont:nn
3189 {
3190 \fontspec_set_family:Nnn \l__xepersian_sayehfamily_family_tl {Script=Persian,Ligatures=Persi
3191 \tl_set_eq:NN \sayehdefault \l__xepersian_sayehfamily_family_tl
3192 \use:x { \exp_not:n { \DeclareRobustCommand \sayehfamily }
3193 {
3194 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3195 \exp_not:N \fontfamily { \l__xepersian_sayehfamily_family_tl }
3196 \exp_not:N \selectfont

```



```

3197 }
3198 }
3199 \str_if_eq_x:nnT {\familydefault} {\sayehdefault}
3200 { \tl_set_eq:NN \encodingdefault \g_fontspeg_nfss_enc_tl }
3201 \__xepersian_setsayehfont_hook:nn {#1} {#2}
3202 \normalfont
3203 }
3204
3205 \cs_set_eq:NN \__xepersian_setsayehfont_hook:nn \use_none:nn
3206
3207 \DeclareDocumentCommand \setiraniconfont { 0{} m 0{} }
3208 {
3209   \__xepersian_main_setiraniconfont:nn {#1,#3} {#2}
3210   \ignorespaces
3211 }
3212 \cs_new:Nn \__xepersian_main_setiraniconfont:nn
3213 {
3214   \fontspec_set_family:Nnn \l__xepersian_iranicfamily_family_tl {Script=Persian,Ligatures=Pers
3215   \tl_set_eq:NN \iranicdefault \l__xepersian_iranicfamily_family_tl
3216   \use:x { \exp_not:n { \DeclareRobustCommand \iranicfamily }
3217   {
3218     \exp_not:N \fontencoding { \g_fontspeg_nfss_enc_tl }
3219     \exp_not:N \fontfamily { \l__xepersian_iranicfamily_family_tl }
3220     \exp_not:N \selectfont
3221   }
3222 }
3223 \str_if_eq_x:nnT {\familydefault} {\iranicdefault}
3224 { \tl_set_eq:NN \encodingdefault \g_fontspeg_nfss_enc_tl }
3225 \__xepersian_setiraniconfont_hook:nn {#1} {#2}
3226 \normalfont
3227 }
3228
3229 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:nn \use_none:nn
3230
3231 \ExplSyntaxOff
3232 \def\resetlatinfont{%
3233 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3234 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3235 \def\xepersian@@fontsize@scale{%
3236 \strip@pt\dimexpr 1pt * \dimexpr
3237 \xepersian@@latin@fontsize@scale pt\relax
3238 / \dimexpr \@xepersian@@fontsize@scale pt\relax\relax
3239 }%
3240 \def\xepersian@@baselineskip@scale{%
3241 \strip@pt\dimexpr 1pt * \dimexpr
3242 \xepersian@@latin@baselineskip@scale pt\relax
3243 / \dimexpr \@xepersian@@baselineskip@scale pt\relax\relax
3244 }%
3245 \@nonlatinfalse%
3246 \let\normalfont\latinfont%

```



```

3247 \let\reset@font\normalfont%
3248 \latinfont%
3249 \fontsize\font@size\font@baselineskip%
3250 \selectfont%
3251 \let\xepersian@@font@size@scale\xepersian@@latin@font@size@scale%
3252 \let\xepersian@@font@baselineskip@scale\xepersian@@latin@font@baselineskip@scale%
3253 }
3254 \def\setpersianfont{%
3255 \let\xepersian@@font@size@scale\xepersian@@font@size@scale%
3256 \let\xepersian@@font@baselineskip@scale\xepersian@@font@baselineskip@scale%
3257 \let\xepersian@@font@size@scale\@ne%
3258 \let\xepersian@@font@baselineskip@scale\@ne%
3259 \@nonlatintrue%
3260 \let\normalfont\persianfont%
3261 \let\reset@font\normalfont%
3262 \persianfont%
3263 \fontsize\font@size\font@baselineskip%
3264 \selectfont%
3265 \let\xepersian@@font@size@scale\xepersian@@font@size@scale%
3266 \let\xepersian@@font@baselineskip@scale\xepersian@@font@baselineskip@scale%
3267 }
3268 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
3269 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
3270 \def\latin{\LTR\LatinAlphs\@RTL@footnotefalse\resetlatinfont}
3271 \def\endlatin{\endLTR}
3272 \newenvironment{latin*}{\latin
3273   \everypar{%
3274     {\setbox\z@\lastbox
3275       \ifvoid\z@
3276         \kern-\parindent
3277       \fi}%
3278   }%
3279 }{\endlatin\@endpetrue}
3280 \def\persian{\RTL\PersianAlphs\@RTL@footnotetrue\setpersianfont}
3281 \def\endpersian{\endRTL}
3282 \newenvironment{persian*}{\persian
3283   \everypar{%
3284     {\setbox\z@\lastbox
3285       \ifvoid\z@
3286         \kern-\parindent
3287       \fi}%
3288   }%
3289 }{\endpersian\@endpetrue}
3290 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end}
3291 \newenvironment{persianitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end}
3292 \let\originaltoday=\today
3293 \def\latintoday{\lr{\originaltoday}}
3294 \def\today{\rl{\persiantoday}}
3295 \def \@LTRmarginparreset {%
3296   \reset@font

```




```

3297         \resetlatinfont
3298         \normalsize
3299         \@minipagetrue
3300         \everypar{\@minipagefalse\everypar{}}\beginL}%
3301 }
3302 \DeclareRobustCommand\Latincite{%
3303   \@ifnextchar [{\@tempwatrue\@Latincitex}{\@tempwafalse\@Latincitex[]}]
3304 \def\@Latincitex[#1]#2{\leavevmode
3305   \let\@citea\@empty
3306   \@cite{\lr{\@for\@citeb:=#2\do
3307     {\@citea\def\@citea{\penalty\@m\ }%
3308     \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
3309     \if@filesw\immediate\write\@auxout{\string\citation{\@citeb}}\fi
3310     \@ifundefined{b@\@citeb}{\hbox{\reset@font\bfseries ?}}%
3311     \G@refundefinedtrue
3312     \@latex@warning
3313     {Citation `@\@citeb' on page \thepage \space undefined}}%
3314     {\@cite@ofmt{\csname b@\@citeb\endcsname}}}}{\#1}}
3315
3316 \renewcommand*{\bidi@font@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
3317
3318 \newif\if@xepersian@@computeautoilg
3319 \newcount\xepersian@tcl
3320 \newdimen\xepersian@ilg
3321 \newdimen\xepersian@strutilg
3322 \chardef\f@ur=4
3323 \newcommand*{\xepersian@computeautoilg}{% compute the interline glue
3324   \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3325   \loop
3326   \iffontchar\font\xepersian@tcl
3327   \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\z@
3328   \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3329     \xepersian@ilg=\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3330   \fi
3331   \else
3332   \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl<\z@
3333     \ifdim-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3334       \xepersian@ilg=-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3335     \fi
3336   \fi
3337   \fi
3338   \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\z@
3339   \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3340     \xepersian@strutilg=\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl
3341   \fi
3342   \else
3343   \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl<\z@
3344     \ifdim-\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3345       \xepersian@strutilg=-\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl
3346     \fi

```



```

3347 \fi
3348 \fi
3349 \fi
3350 \advance\xepersian@tcl\@ne
3351 \ifnum\xepersian@tcl<1792\repeat
3352 \advance\xepersian@strutilg\xepersian@ilg
3353 % \ifdim\xepersian@strutilg>\baselineskip
3354 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found
3355 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3356 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3357 % \selectfont
3358 % \fi
3359 }
3360
3361 \newif\if@@textdigitfont@on
3362
3363 \newcommand{\TextDigitFontOn}{\@@textdigitfont@ontrue}
3364 \newcommand{\TextDigitFontOff}{\@@textdigitfont@onfalse}
3365
3366 \TextDigitFontOn
3367
3368 \newcommand*\xepersian@setlength[4]{%
3369     \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3370     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3371     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3372     \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3373     \else
3374     \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3375     \fi
3376     \else
3377     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3378     \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3379     \else
3380     \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3381     \fi
3382     \fi
3383     \else
3384     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3385     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3386     \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3387     \else
3388     \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3389     \fi
3390     \else
3391     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3392     \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3393     \else
3394     \setlength{#1}{#2 \@plus#3 \@minus#4}%
3395     \fi
3396     \fi

```



```

3397 \fi
3398 }
3399
3400 \newcommand*\setfontsize[2][1.2\@tempdima]{%
3401 \@defaultunits\@tempdima#2pt\relax\@nnil
3402 \setlength{\@tempdimc}{\@tempdima}%
3403 \addtolength{\@tempdimc}{-10\p@}%
3404 \edef\@ptsize{\strip@pt\@tempdimc}%
3405 \@defaultunits\@tempdimb#1pt\relax\@nnil
3406 \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3407 \edef\@tempb{\the\@tempdimc}%
3408 \setlength{\@tempdimc}{\@tempdima}%
3409 \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3410 \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3411 \xepersian@setlength{\abovedisplayskip}{%
3412 {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3413 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3414 \xepersian@setlength{\belowdisplayskip}{%
3415 {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3416 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3417 \edef\normalsize{%
3418 \noexpand\@setfontsize\noexpand\normalsize
3419 {\the\@tempdima}{\the\@tempdimb}%
3420 \abovedisplayskip \the\abovedisplayskip
3421 \abovedisplayskip \the\abovedisplayskip
3422 \belowdisplayskip \the\belowdisplayskip
3423 \belowdisplayskip \the\belowdisplayskip
3424 \let\noexpand\@listi\noexpand\@listI
3425 }%
3426 \setlength{\@tempdima}{0.9125\@tempdimc}%
3427 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3428 \xepersian@setlength{\abovedisplayskip}{%
3429 {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3430 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3431 \xepersian@setlength{\belowdisplayskip}{%
3432 {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3433 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3434 \edef\small{%
3435 \noexpand\@setfontsize\noexpand\small
3436 {\the\@tempdima}{\the\@tempdimb}%
3437 \abovedisplayskip \the\abovedisplayskip
3438 \abovedisplayskip \the\abovedisplayskip
3439 \belowdisplayskip \the\belowdisplayskip
3440 \belowdisplayskip \the\belowdisplayskip
3441 \let\noexpand\@listi\noexpand\@listi\small
3442 }%
3443 \setlength{\@tempdima}{.83334\@tempdimc}%
3444 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3445 \xepersian@setlength{\abovedisplayskip}{%
3446 {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%

```



```

3447 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3448 \xepersian@setlength{\belowdisplayskip}{%
3449     {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3450 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3451 \edef\footnotesize{%
3452     \noexpand\@setfontsize\noexpand\footnotesize
3453     {\the\@tempdima}{\the\@tempdimb}%
3454     \abovedisplayskip \the\abovedisplayskip
3455     \abovedisplayskip \the\abovedisplayskip
3456     \belowdisplayskip \the\belowdisplayskip
3457     \belowdisplayskip \the\belowdisplayskip
3458     \let\noexpand\@listi\noexpand\@listi\footnotesize
3459     }%
3460 \setlength{\@tempdima}{.6667\@tempdimc}%
3461 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3462 \edef\scriptsize{%
3463     \noexpand\@setfontsize\noexpand\scriptsize
3464     {\the\@tempdima}{\the\@tempdimb}%
3465     }%
3466 \setlength{\@tempdima}{.5\@tempdimc}%
3467 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3468 \edef\tiny{%
3469     \noexpand\@setfontsize\noexpand\tiny
3470     {\the\@tempdima}{\the\@tempdimb}%
3471     }%
3472 \setlength{\@tempdima}{1.2\@tempdimc}%
3473 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3474 \edef\large{%
3475     \noexpand\@setfontsize\noexpand\large
3476     {\the\@tempdima}{\the\@tempdimb}%
3477     }%
3478 \setlength{\@tempdima}{1.44\@tempdimc}%
3479 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3480 \edef\Large{%
3481     \noexpand\@setfontsize\noexpand\Large
3482     {\the\@tempdima}{\the\@tempdimb}%
3483     }%
3484 \setlength{\@tempdima}{1.728\@tempdimc}%
3485 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3486 \edef\LARGE{%
3487     \noexpand\@setfontsize\noexpand\LARGE
3488     {\the\@tempdima}{\the\@tempdimb}%
3489     }%
3490 \setlength{\@tempdima}{2.074\@tempdimc}%
3491 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3492 \edef\huge{%
3493     \noexpand\@setfontsize\noexpand\huge
3494     {\the\@tempdima}{\the\@tempdimb}%
3495     }%
3496 \setlength{\@tempdima}{2.488\@tempdimc}%

```



```

3497 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3498 \edef\Huge{%
3499   \noexpand\setfontsize\noexpand\Huge
3500   {\the\@tempdima}{\the\@tempdimb}%
3501 }%
3502 \normalsize
3503 \setlength{\@tempdimb}{\f@baselineskip}%
3504 \xepersian@setlength{\parsep}%
3505   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3506 \xepersian@setlength{\topsep}%
3507   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3508 \@tempwafalse
3509 \begingroup
3510   \def\@list@extra{\aftergroup\@tempwatruel}%
3511   \csname @listi\endcsname
3512 \endgroup
3513 \edef\@listi{\leftmargin\leftmargini
3514   \topsep \the\topsep
3515   \parsep \the\parsep
3516   \itemsep \parsep
3517   \if@tempswa\noexpand\@list@extra\fi
3518 }%
3519 \let\@listI\@listi
3520 \xepersian@setlength{\parsep}%
3521   {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3522 \xepersian@setlength{\topsep}%
3523   {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3524 \@tempwafalse
3525 \begingroup
3526   \def\@list@extra{\aftergroup\@tempwatruel}%
3527   \csname @listi\endcsname
3528 \endgroup
3529 \edef\@listi@small{\leftmargin\leftmargini
3530   \topsep \the\topsep
3531   \parsep \the\parsep
3532   \itemsep \parsep
3533   \if@tempswa\noexpand\@list@extra\fi
3534 }%
3535 \xepersian@setlength{\parsep}%
3536   {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3537 \xepersian@setlength{\topsep}%
3538   {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}
3539 \@tempwafalse
3540 \begingroup
3541   \def\@list@extra{\aftergroup\@tempwatruel}%
3542   \csname @listi\endcsname
3543 \endgroup
3544 \edef\@listi@footnotesize{\leftmargin\leftmargini
3545   \topsep \the\topsep
3546   \parsep \the\parsep

```



```

3547 \itemsep \parsep
3548 \if@tempswa\noexpand\@list@extra\fi
3549 }%
3550 \xepersian@setlength{\parsep}%
3551         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3552 \xepersian@setlength{\topsep}%
3553         {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3554 \@tempswafalse
3555 \begingroup
3556 \def\@list@extra{\aftergroup\@tempwatruel}%
3557 \csname @listii\endcsname
3558 \endgroup
3559 \edef\@listii{\leftmargin\leftmarginii
3560 \labelwidth=\dimexpr \leftmargin-\labelsep
3561 \topsep \the\topsep
3562 \parsep \the\parsep
3563 \itemsep \parsep
3564 \if@tempswa\noexpand\@list@extra\fi
3565 }%
3566 \xepersian@setlength{\topsep}%
3567         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3568 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3569 \@tempswafalse
3570 \begingroup
3571 \def\@list@extra{\aftergroup\@tempwatruel}%
3572 \csname @listiii\endcsname
3573 \endgroup
3574 \edef\@listiii{\leftmargin\leftmarginiii
3575 \labelwidth=\dimexpr \leftmargin-\labelsep
3576 \topsep \the\topsep
3577 \parsep \z@
3578 \partopsep \the\partopsep
3579 \itemsep \topsep
3580 \if@tempswa\noexpand\@list@extra\fi
3581 }%
3582 \@tempswafalse
3583 \begingroup
3584 \def\@list@extra{\aftergroup\@tempwatruel}%
3585 \csname @listiv\endcsname
3586 \endgroup
3587 \edef\@listiv{\leftmargin\leftmarginiv
3588 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3589 \if@tempswa\noexpand\@list@extra\fi
3590 }%
3591 \@tempswafalse
3592 \begingroup
3593 \def\@list@extra{\aftergroup\@tempwatruel}%
3594 \csname @listv\endcsname
3595 \endgroup
3596 \edef\@listv{\leftmargin\leftmarginv

```



```

3597 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3598 \if@tempswa\noexpand\@list@extra\fi
3599 }%
3600 \@tempwafalse
3601 \begingroup
3602 \def\@list@extra{\aftergroup\@tempwatrue}%
3603 \csname @listvi\endcsname
3604 \endgroup
3605 \edef\@listvi{\leftmargin\leftmarginvi
3606 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3607 \if@tempswa\noexpand\@list@extra\fi
3608 }%
3609 \@listi
3610 \setlength{\@tempdimb}{\f@baselineskip}%
3611 \setlength{\footnotesep}{.555\@tempdimb}%
3612 \xepersian@setlength{\skip\footins}%
3613     {.75\@tempdimb}{.3333\@tempdimb}{.1667\@tempdimb}%
3614 \xepersian@setlength{\floatsep}%
3615     {\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3616 \xepersian@setlength{\textfloatsep}%
3617     {1.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3618 \setlength{\intextsep}{\floatsep}%
3619 \setlength{\dblfloatsep}{\floatsep}%
3620 \setlength{\dbltextfloatsep}{\textfloatsep}%
3621 \setlength{\@fptop}{\z@ \@plus 1fil}%
3622 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3623 \setlength{\@fpbot}{\@fptop}%
3624 \setlength{\@dblfpot}{\@fptop}%
3625 \setlength{\@dblpsep}{\@fpsep}%
3626 \setlength{\@dblpbot}{\@fptop}%
3627 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3628 }
3629
3630 \renewcommand*{\@bidi@logo}{%
3631 \@bidi@logo@hb@xt@columnwidth
3632 {\hss\bfseries
3633
3634 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}
3635
3636 \renewcommand*{\@bidi@pdfcreator}{%
3637 The xepersian package, v\xepersian@version, \xepersiandate
3638 }
3639
3640 \newcommand*{\@xepersian@pdfcustomproperties}{%
3641 This is the xepersian package, Version \xepersian@version,
3642 Released March 3, 2019.
3643 }
3644
3645 \newcommand\twocolumnstableofcontents{%
3646 \if@bidi@csundef{multi@column@out}{%

```




```

3697 to be formatted using xepersian}{The largest possible %
3698 number is 999,999,999.}%
3699 }
3700 \def\xepersian@numberstring#1#2#3#4{%
3701 \ifnum\number#1<\@ne%
3702 #3%
3703 \else\ifnum\number#1<1000000000 %
3704 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3705 \else%
3706 \xepersian@numberoutofrange{#1}{#4}%
3707 \fi\fi%
3708 }
3709 \def\xepersian@adadi#1#2{%
3710 \expandafter\xepersian@@adadi%
3711 \ifcase%
3712 \ifnum#1<10 1%
3713 \else\ifnum#1<100 2%
3714 \else\ifnum#1<\@m 3%
3715 \else\ifnum#1<\@M 4%
3716 \else\ifnum#1<100000 5%
3717 \else\ifnum#1<1000000 6%
3718 \else\ifnum#1<10000000 7%
3719 \else\ifnum#1<100000000 8%
3720 \else9%
3721 \fi\fi\fi\fi\fi\fi\fi\fi\fi %
3722 \or00000000#1% case 1: Add 8 leading zeros
3723 \or0000000#1% case 2: Add 7 leading zeros
3724 \or000000#1% case 3: Add 6 leading zeros
3725 \or00000#1% case 4: Add 5 leading zeros
3726 \or0000#1% case 5: Add 4 leading zeros
3727 \or000#1% case 6: Add 3 leading zeros
3728 \or00#1% case 7: Add 2 leading zeros
3729 \or0#1% case 8: Add 1 leading zero
3730 \or#1% case 9: Add no leading zeros
3731 \or%
3732 \@nil#2%
3733 \fi%
3734 }
3735 \def\xepersian@@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3736 \ifnum#1#2#3>\z@
3737 \xepersian@milyoongan#1#2#3%
3738 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3739 \fi%
3740 \ifnum#4#5#6>\z@%
3741 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3742 \ifnum#4#5#6>\@ne\fi%
3743 %
3744 \ifnum#7>\z@\ \fi%
3745 \fi%
3746 \xepersian@sadgan#7{#4#5#6}1#9%

```



```

3747 }
3748 \def\xepersian@milyoongan#1#2#3{%
3749 \ifnum#1#2#3=\@ne%
3750 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3751 %
3752 %
3753 \else%
3754 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3755 %
3756 %
3757 \fi%
3758 }
3759 \def\xepersian@sadgan#1#2#3#4#5#6{%
3760 \ifnum#1>\z0%
3761 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3762 %
3763 \ifnum#2#3>\z@\ \fi%
3764 \fi%
3765 \ifnum#2#3<20%
3766 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3767 \else%
3768 \xepersian@dahgan#2%
3769 \ifnum#3>\z@\ \xepersian@yekani#3\fi%
3770 #60%
3771 \fi%
3772 }
3773 \def\xepersian@yekani#1{%
3774 \ifcase#1\@empty\or\ or\ or\ or\ or\ or\ %
3775 \or\ or\ or\ or\ or\ or\ or\ %
3776 \or\ or\ or\ %
3777 \or\ or\ %fi\
3778 }
3779 \def\xepersian@yekanii#1{%
3780 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3781 }
3782 \def\xepersian@yekanii#1{%
3783 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3784 }
3785 \def\xepersian@yekaniv#1{%
3786 \ifcase#1\@empty\or\or\ or\ or\ or\ %
3787 \or\ or\ or\ %fi\
3788 }
3789 \def\xepersian@dahgan#1{%
3790 \ifcase#1\or\or\ or\ %
3791 \or\ or\ or\ %
3792 \or %fi\
3793 }
3794 \newcommand{\tartibi}[1]{%
3795 \expandafter\@tartibi\c@#1\endcsname%
3796 }

```



```

3797 \newcommand{\@tartibi}[1]{%
3798 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{ }%
3799 }
3800 \let\tartibinumeral\@tartibi%
3801 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3802 \ifnum\number#1<\@ne%
3803 #3%
3804 \else\ifnum\number#1<1000000000 %
3805 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3806 \else%
3807 \xepersian@numberoutofrange{#1}{#4}%
3808 \fi\fi%
3809 }
3810 \def\xepersian@adadi@tartibi#1#2{%
3811 \expandafter\xepersian@@adadi@tartibi%
3812 \ifcase%
3813 \ifnum#1<10 1%
3814 \else\ifnum#1<100 2%
3815 \else\ifnum#1<\@m 3%
3816 \else\ifnum#1<\@M 4%
3817 \else\ifnum#1<100000 5%
3818 \else\ifnum#1<1000000 6%
3819 \else\ifnum#1<10000000 7%
3820 \else\ifnum#1<100000000 8%
3821 \else9%
3822 \fi\fi\fi\fi\fi\fi\fi\fi\fi\fi %
3823 \or00000000#1% case 1: Add 8 leading zeros
3824 \or0000000#1% case 2: Add 7 leading zeros
3825 \or000000#1% case 3: Add 6 leading zeros
3826 \or00000#1% case 4: Add 5 leading zeros
3827 \or0000#1% case 5: Add 4 leading zeros
3828 \or000#1% case 6: Add 3 leading zeros
3829 \or00#1% case 7: Add 2 leading zeros
3830 \or0#1% case 8: Add 1 leading zero
3831 \or#1% case 9: Add no leading zeros
3832 \or%
3833 \@nil#2%
3834 \fi%
3835 }
3836 \def\xepersian@@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3837 \ifnum#1#2#3>\z@
3838 \xepersian@milyoongan@tartibi#1#2#3%
3839 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3840 \fi%
3841 \ifnum#4#5#6>\z@%
3842 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3843 \ifnum#4#5#6>\@ne \fi%
3844 %
3845 \ifnum#7>\z@\ \fi%
3846 \fi%

```



```

3847 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3848 }
3849 \def\xepersian@milyoongan@tartibi#1#2#3{%
3850 \ifnum#1#2#3=\@ne%
3851 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3852 %
3853 %
3854 \else%
3855 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3856 %
3857 %
3858 \fi%
3859 }
3860 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3861 \ifnum#1>\z@%
3862 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3863 %
3864 \ifnum#2#3>\z@\ \fi%
3865 \fi%
3866 \ifnum#2#3<20%
3867 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3868 \else%
3869 \ifnum#2#3=30%
3870 \xepersian@dahgan@tartibi#2%
3871 \else%
3872 \xepersian@dahgan#2%
3873 \fi%
3874 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3875 #60%
3876 \fi%
3877 }
3878 \def\xepersian@dahgan@tartibi#1{%
3879 \ifcase#1\or\or\ or\ or\ %
3880 \or\or\ or\ or\ %
3881 \or %fi\
3882 }
3883 \def\xepersian@tartibi#1{%
3884 \ifcase#1\or\or\ or\ or\ %
3885 \or\or\ or\ or\ or\ %
3886 \or\or\ or\ or\ %
3887 \or\or\ or\ %
3888 \or\or\ or\ %fi\
3889 }
3890 \def\xepersian@yekanv#1{%
3891 \ifcase#1\@empty\or\or\ or\ or\ or\ or\ %
3892 \or\or\ or\ or\ or\ or\ or\ %
3893 \or\or\ or\ or\ %
3894 \or\or\ %fi\
3895 }
3896 \providecommand*{\xpg@warning}[1]{%

```



```

3897 \PackageWarning{XePersian}%
3898 {#1}}
3899 \if@bidi@csundef{@abjad}{%
3900 \def\@abjad#1{%
3901 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3902 \else
3903 \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3904 \else
3905 \ifnum#1<10\expandafter\abj@num@i\number#1%
3906 \else
3907 \ifnum#1<100\expandafter\abj@num@ii\number#1%
3908 \else
3909 \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3910 \else
3911 \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3912 \fi
3913 \fi
3914 \fi
3915 \fi
3916 \fi
3917 \fi
3918 }
3919 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3920 \let\abjadnumeral\@abjad
3921 \def\abjad@zero{}
3922 \def\abj@num@i#1{%
3923 \ifcase#1\or or\ or\ or\ %
3924 \or or\ or\ or\ or\ fi\
3925 \ifnum#1=\z@\abjad@zero\fi}
3926 \def\abj@num@ii#1{%
3927 \ifcase#1\or or\ or\ or\ or\ %
3928 \or or\ or\ or\ fi\
3929 \ifnum#1=\z@\fi\abj@num@i}
3930 \def\abj@num@iii#1{%
3931 \ifcase#1\or or\ or\ or\ or\ %
3932 \or or\ or\ or\ fi\
3933 \ifnum#1=\z@\fi\abj@num@ii}
3934 \def\abj@num@iv#1{%
3935 \ifcase#1\or fi\
3936 \ifnum#1=\z@\fi\abj@num@iii}
3937 }{}
3938 \let\@latinalph\@alph%
3939 \let\@latinAlph\@Alph%
3940 \def\LatinAlphs{%
3941 \let\@alph\@latinalph%
3942 \let\@Alph\@latinAlph%
3943 }
3944 \def\thempfootnote{{\itshape\@latinalph\c@mpfootnote}}
3945 \renewcommand*{\bidi@thebibliography@font@hook}{%
3946 \if@LTRbibitems

```



```

3947 \resetlatinfont
3948 \fi}
3949 \bidi@AfterEndPreamble{%
3950 \if@bidi@csundef{persianfont}{%
3951 \PackageError{xepersian}{You have not specified any font\MessageBreak
3952 for the main Persian text}{Use '\settextfont' to load a font.}%
3953 }{}}
3954 \@ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3955 \@ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3956 \@ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3957 \@ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3958 \@ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3959 \@ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3960 \@ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3961 \@ifpackageloaded{fancyref}{\input{fancyref-xepersian.def}}{}
3962 \@ifpackageloaded{bidityftesidenote}{\input{bidityftesidenote-xepersian.def}}{}
3963 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3964 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3965 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3966 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3967 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3968 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3969 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3970 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3971 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3972 \@ifpackageloaded{tikz}{\input{tikz.code-xepersian.def}}{}
3973 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3974 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xepersian.def}}{}
3975 \@ifpackageloaded{varioref}{\input{varioref-xepersian.def}}{}
3976 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3977 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3978 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3979 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3980 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3981 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3982 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3983 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3984 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3985 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3986 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3987 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3988 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3989 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3990 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3991 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
3992 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}
3993 \@ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3994 \@ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3995 \@ifclassloaded{book}{\input{book-xepersian.def}}{}
3996 \@ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}

```



```

3997 \@ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3998 \@ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3999
4000 \def\xepersian@@fontsize@branch#1{%
4001   \@tempcnta\z@
4002   \@for\xepersian@tmp:=#1\do{%
4003     \KV@sp@def\xepersian@frag{\xepersian@tmp}%
4004     \ifcase\@tempcnta\relax% cnta == 0
4005       \edef\xepersian@value{\xepersian@frag}%
4006       \setfontsize{\xepersian@frag}%
4007     \or% cnta == 1
4008       \setfontsize[\xepersian@frag]{\xepersian@value}%
4009     \else\fi
4010     \advance\@tempcnta\@ne}%
4011 }
4012
4013
4014 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default
4015   \ifcase\xepersian@tempb\relax
4016     \AutoMathsDigits
4017   \or
4018     \DefaultMathsDigits
4019   \or
4020     \PersianMathsDigits
4021   \fi}
4022 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
4023   \ifcase\xepersian@tempb\relax
4024     \AutoInlineMathsDigits
4025   \or
4026     \DefaultInlineMathsDigits
4027   \or
4028     \PersianInlineMathsDigits
4029   \fi}
4030 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
4031   \ifcase\xepersian@tempb\relax
4032     \AutoDisplayMathsDigits
4033   \or
4034     \DefaultDisplayMathsDigits
4035   \or
4036     \PersianDisplayMathsDigits
4037   \fi}
4038 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4039   \ifcase\xepersian@tempb\relax
4040     \RTLtrue
4041   \or
4042     \RTLfalse
4043   \fi}
4044
4045 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttoleft
4046   \ifcase\xepersian@tempb\relax

```



```

4047 \RTLtrue
4048 \or
4049 \RTLfalse
4050 \fi}
4051
4052
4053 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft
4054 \ifcase\xepersian@tempb\relax
4055 \RTLtabtrue
4056 \or
4057 \RTLtabfalse
4058 \fi}
4059
4060 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[lat
4061 \ifcase\xepersian@tempb\relax
4062 \@nonlatinfalse
4063 \or
4064 \@nonlatintrue
4065 \fi}
4066
4067 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4068 \ifcase\xepersian@tempb\relax
4069 \RTLtrue
4070 \or
4071 \RTLfalse
4072 \fi}
4073 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,lef
4074 \ifcase\xepersian@tempb\relax
4075 \autofootnoterule
4076 \or
4077 \leftfootnoterule
4078 \or
4079 \rightfootnoterule
4080 \or
4081 \SplitFootnoteRule
4082 \or
4083 \textwidthfootnoterule
4084 \fi}
4085 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{rightto
4086 \ifcase\xepersian@tempb\relax
4087 \RTL@footnotetrue
4088 \or
4089 \RTL@footnotefalse
4090 \fi}
4091 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,
4092 \ifcase\xepersian@tempb\relax
4093 \footdir@debugtrue
4094 \or
4095 \footdir@debugfalse
4096 \fi}

```




```

4097 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4098   \ifcase\xepersian@tempb\relax
4099     \input{kashida-xepersian.def}
4100   \fi}
4101 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4102   \ifcase\xepersian@tempb\relax
4103     \@Kashida@XB@fixtrue
4104   \or
4105     \@Kashida@XB@fixfalse
4106   \fi}
4107 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4108   \ifcase\xepersian@tempb\relax
4109     \input{localise-xepersian.def}
4110   \fi}
4111 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,o
4112   \ifcase\xepersian@tempb\relax
4113     \@extrafootnotefeaturestrue
4114   \or
4115     \@extrafootnotefeaturesfalse
4116   \fi}
4117 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4118   \ifcase\xepersian@tempb\relax
4119     \PackageWarning{xepersian}{Obsolete option}%
4120     \ifwritexviii%
4121       \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4122       \renewcommand\printindex{\newpage%
4123       \immediate\closeout\@indexfile
4124       \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
4125       \@input@{\jobname.ind}}}%
4126     \else
4127       \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
4128     \fi
4129   \fi}
4130 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off
4131   \ifcase\xepersian@tempb\relax
4132     \ifwritexviii%
4133       \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4134       \renewcommand\printindex{\newpage%
4135       \immediate\closeout\@indexfile
4136       \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
4137       \@input@{\jobname.ind}}}%
4138     \else
4139       \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4140     \fi
4141   \fi}
4142 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off
4143   \ifcase\xepersian@tempb\relax
4144     \ifwritexviii%
4145     \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4146     \renewcommand\printindex{\newpage%

```



```

4147 \immediate\closeout\@indexfile
4148 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4149 \@input@\jobname.ind}}}%
4150 \else
4151 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4152 \fi
4153 \fi}
4154 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
4155 \ifcase\xepersian@tempb\relax
4156 \def\PersianAlphs{%
4157 \let\@alph\@abjad%
4158 \let\@Alph\@abjad%
4159 }
4160 \or
4161 \def\PersianAlphs{%
4162 \let\@alph\@Abjad%
4163 \let\@Alph\@Abjad%
4164 }
4165 \fi}
4166 \DeclareOptionX{defaultlatinfontfeatures}{%
4167 \defaultfontfeatures
4168 [\latinfont]
4169 {#1}
4170 }
4171
4172 \DeclareOptionX{mathfontssize}{%
4173 \def\xepersian@@math@fontsize@scale{#1}%
4174 }
4175
4176 \DeclareOptionX{fontssize}{%
4177 \def\xepersian@@fontsize@scale{#1}%
4178 }
4179
4180 \DeclareOptionX{fontsize}{%
4181 \xepersian@@fontsize@branch{#1}%
4182 }
4183
4184 \DeclareOptionX{latinfontssize}{%
4185 \def\xepersian@@latin@fontsize@scale{#1}%
4186 }
4187
4188 \DeclareOptionX{baselineskip}{%
4189 \def\xepersian@@baselineskip@scale{#1}%
4190 }
4191
4192 \DeclareOptionX{latinbaselineskip}{%
4193 \def\xepersian@@latin@baselineskip@scale{#1}%
4194 }
4195
4196 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%

```



```

4197 \ifcase\xepersian@tempb\relax
4198   \AtBeginDocument{\@bidi@inslogo}%
4199 \or
4200   \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
4201 \fi}
4202
4203 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4204   \ifcase\xepersian@tempb\relax
4205     \@bidi@pdfm@marktrue
4206 \or
4207     \@bidi@pdfm@markfalse
4208 \fi}
4209
4210 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4211   \ifcase\xepersian@tempb\relax
4212     \@xepersian@@computeautoilgtrue
4213 \or
4214     \@xepersian@@computeautoilgfalse
4215 \fi}
4216
4217 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4218   \ifcase\xepersian@tempb\relax
4219     \def\bidi@firstcolumn@status@write{%
4220       \protected@write\@auxout{%
4221         {\string\bidi@column@status
4222          {1}}}%
4223     \def\bidi@lastcolumn@status@write{%
4224       \protected@write\@auxout{%
4225         {\string\bidi@column@status{2}}}%
4226 \or
4227     \let\bidi@firstcolumn@status@write\relax
4228     \let\bidi@lastcolumn@status@write\relax
4229 \fi}
4230
4231
4232 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4233   \ifcase\xepersian@tempb\relax
4234     \bidi@AtEndPreamble{%
4235       \bidi@patchcmd{\xepersian@@start@switch@textdigitfont}%
4236       {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}-{}-%
4237     }
4238 \or
4239     \relax
4240 \fi}
4241
4242 \define@choicekey{xepersian.sty}{perpagefootnote}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4243   \ifcase\xepersian@tempb\relax
4244     \@bidi@perpage@footnotetrue
4245 \or
4246     \@bidi@perpage@footnotefalse

```



```

4247 \fi}
4248
4249 \ExplSyntaxOn
4250 \bool_new:N \l__xepersian_fontsloadable_bool
4251 \define@choicekey{xepersian.sty}{fontsloadable}[\xepersian@tempa\xepersian@tempb]{true,false}[
4252 \ifcase\xepersian@tempb\relax
4253 \bool_set_true:N \l__xepersian_fontsloadable_bool
4254 \or
4255 \bool_set_false:N \l__xepersian_fontsloadable_bool
4256 \fi}
4257 \ExplSyntaxOff
4258
4259 \ExecuteOptionsX{%
4260 fontsloadable=false,
4261 documentdirection=righttoleft,
4262 tabledirection=righttoleft,
4263 script=nonlatin,
4264 footnotedirection=righttoleft,
4265 footnoterule=automatic,
4266 abjadvariant=two,
4267 DetectColumn=off,
4268 fontsizescale=\@ne,
4269 latinfontsizescale=\@ne,
4270 mathfontsizescale=\@ne,
4271 baselineskip scale=\@ne,
4272 latinbaselineskip scale=\@ne
4273 }
4274
4275 \ProcessOptionsX
4276
4277 \if@extrafootnotefeatures
4278 \input{extrafootnotefeatures-xetex-bidi.def}%
4279 \input{extrafootnotefeatures-xepersian.def}%
4280 \fi
4281
4282 \ExplSyntaxOn
4283 \bool_if:NF \l__xepersian_fontsloadable_bool
4284 {
4285 \input{fontspec-xepersian.def}%
4286 }
4287 \ExplSyntaxOff
4288
4289 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
4290 \@tempdimb\xepersian@@fontsize@scale\dimexpr#2pt\relax
4291 }{}{}
4292
4293 \bidi@patchcmd{\set@fontsize}{\@tempkipa#3pt}{%
4294 \@tempkipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
4295 }{}{}
4296

```



```

4297
4298 \newcommand*{\xepersian@update@math@fontsize}[1]{%
4299   \strip@pt\dimexpr\xepersian@math@fontsize@scale
4300   \dimexpr 1pt * \dimexpr #1 pt\relax /
4301   \dimexpr \xepersian@fontsize@scale pt\relax
4302   \relax\relax
4303 }
4304
4305 \bidi@patchcmd{\getanddefine@fonts}{%
4306   \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
4307 }{%
4308   \xdef\font@name{\csname \string#2/\xepersian@update@math@fontsize\tf@size\endcsname}%
4309 }{}{}
4310
4311 \bidi@patchcmd{\getanddefine@fonts}{%
4312   \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
4313 }{%
4314   \xdef\font@name{\csname \string#2/\xepersian@update@math@fontsize\sf@size\endcsname}%
4315 }{}{}
4316
4317 \bidi@patchcmd{\getanddefine@fonts}{%
4318   \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
4319 }{%
4320   \xdef\font@name{\csname \string#2/\xepersian@update@math@fontsize\ssf@size\endcsname}%
4321 }{}{}
4322
4323
4324 \ifxepersian@computeautoilg
4325 \bidi@patchcmd{\set@fontsize}{%
4326 \baselineskip\f@baselineskip\relax
4327 }{%
4328 \baselineskip\f@baselineskip\relax
4329 \xepersian@computeautoilg
4330 \ifdim\xepersian@strutilg>\baselineskip
4331 \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found
4332 \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
4333 \baselineskip\xepersian@strutilg
4334 \ifdim\footnotesep=.7\baselineskip
4335 \else
4336 \footnotesep.7\baselineskip
4337 \fi
4338 \fi
4339 }{}{}
4340 \fi
4341
4342 \setlatintextfont[Path,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-bolditalic},ItalicF
4343 \PersianAlphs

```



60 File xepersian-magazine.cls

```
4344 \NeedsTeXFormat{LaTeX2e}
4345 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
4346 \RequirePackage{ifthen}
4347 \newlength{\xepersian@imgsize}
4348 \newlength{\xepersian@coltitsize}
4349 \newlength{\xepersian@pageneed}
4350 \newlength{\xepersian@pageleft}
4351 \newlength{\xepersian@indexwidth}
4352 \newcommand{\xepersian@ncolumns}{0}
4353 \newlength{\columnlines}
4354 \setlength{\columnlines}{0 pt} % no lines by default
4355 \newboolean{xepersian@hyphenatedtitles}
4356 \setboolean{xepersian@hyphenatedtitles}{true}
4357 \newboolean{xepersian@ninepoints}
4358 \setboolean{xepersian@ninepoints}{false}
4359 \newboolean{xepersian@showgrid}
4360 \setboolean{xepersian@showgrid}{false}
4361 \newboolean{xepersian@a3paper}
4362 \setboolean{xepersian@a3paper}{false}
4363 \newboolean{xepersian@insidefrontpage}
4364 \setboolean{xepersian@insidefrontpage}{false}
4365 \newboolean{xepersian@insideweather}
4366 \setboolean{xepersian@insideweather}{false}
4367 \newboolean{xepersian@insideindex}
4368 \setboolean{xepersian@insideindex}{false}
4369 \newcount\xepersian@gridrows
4370 \newcount\xepersian@gridcolumns
4371 \xepersian@gridrows=40
4372 \xepersian@gridcolumns=50
4373 \newcount\minraggedcols
4374 \minraggedcols=5
4375 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4376 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4377 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4378 \DeclareOption{twocolumn}%
4379 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4380 \DeclareOption{notitlepage}%
4381 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4382 \DeclareOption{twoside}%
4383 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4384 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4385 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4386 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4387 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4388 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}
4389 \ProcessOptions\relax
4390 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4391 \RequirePackage{ifxetex}
```



```

4392 \RequirePackage{multido}
4393 \RequirePackage{datetime}
4394 \RequirePackage{multicol}
4395 \RequirePackage{fancyhdr}
4396 \RequirePackage{fancybox}
4397 \ifthenelse{\boolean{xepersian@a3paper}}{%
4398 \RequirePackage[a3paper,headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4399 }{
4400 \RequirePackage[headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4401 }
4402 \RequirePackage[absolute]{textpos} % absolute positioning
4403 \RequirePackage{hyphenat} % when hyphenate
4404 \RequirePackage{lastpage} % to know the last page number
4405 \RequirePackage{setspace} % set space between lines
4406 \RequirePackage{ragged2e}
4407 \newcommand{\raggedFormat}{\RaggedLeft}
4408 \AtEndOfClass{\xepersianInit}
4409 \ifthenelse{\boolean{xepersian@showgrid}}{%
4410 \AtBeginDocument{
4411 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}
4412 \advance\minraggedcols by -1
4413 }{%
4414 \AtBeginDocument{
4415 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}
4416 \advance\minraggedcols by -1
4417 }
4418 \ifthenelse{\boolean{xepersian@ninepoints}}{
4419 \renewcommand{\normalsize}{%
4420 \setfontsize{\normalsize}{9pt}{10pt}%
4421 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4422 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4423 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4424 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4425
4426 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4427
4428 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4429
4430 \renewcommand{\small}{%
4431 \setfontsize{\small}{8pt}{9pt}%
4432 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4433 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4434 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4435 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4436
4437 \renewcommand{\footnotesize}{%
4438 \setfontsize{\footnotesize}{8pt}{9pt}%
4439 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4440 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4441 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%

```



```

4442 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4443
4444 \renewcommand{\large}{\@setfontsize{\large}{11pt}{13pt}}
4445 \renewcommand{\Large}{\@setfontsize{\Large}{14pt}{18pt}}
4446 \renewcommand{\LARGE}{\@setfontsize{\LARGE}{18pt}{20pt}}
4447 \renewcommand{\huge}{\@setfontsize{\huge}{20pt}{25pt}}
4448 \renewcommand{\Huge}{\@setfontsize{\Huge}{25pt}{30pt}}
4449 }{}
4450 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4451 \newcommand{\xepersian@wwwFormat}{\sffamily}
4452 \newcommand{\xepersian@www}{%
4453 \raisebox{-3pt}{\xepersian@wwwFormat\@customwwwTxt}}
4454 }
4455 \newcommand{\xepersian@edition}{ {
4456 \newcommand{\editionFormat}{\large\bfseries\texttt}
4457 \newcommand{\xepersian@editionLogo}{%
4458 \raisebox{-3pt}{%
4459 {\editionFormat\xepersian@edition}%
4460 }%
4461 }
4462 \newcommand{\indexFormat}{\large\bfseries}
4463 \newcommand{\xepersian@indexFrameTitle}[1]
4464 {\begin{flushright}{\indexFormat #1}\end{flushright}}
4465
4466 \newcommand{\indexEntryFormat}{\normalsize}
4467 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4468 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4469 \end{minipage}}
4470 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4471 \newcommand{\indexEntryPageTxt}{ }
4472 \newcommand{\indexEntryPageFormat}{\footnotesize}
4473 \newcommand{\xepersian@indexEntryPage}[1]{%
4474 {\indexEntryPageFormat{\indexEntryPageTxt}{~#1}}%
4475 }
4476 \newcommand{\headDateTimeFormat}{}
4477 \newcommand{\xepersian@headDateTime}{%
4478 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}}%
4479 \currenttime %
4480 }
4481 \newcommand{\weatherFormat}{\bfseries}
4482 \newcommand{\xepersian@weather}[1]{%
4483 \noindent{\weatherFormat #1}}%
4484 }
4485 \newcommand{\weatherTempFormat}{\small}
4486 \newcommand{\weatherUnits}{\textdegree{C}}
4487 \newcommand{\xepersian@section}[0]{ {
4488 \newcommand{\xepersian@headleft}{%
4489 {\small\bfseries \@custommagaziname} \date
4490 }
4491 \newcommand{\xepersian@headcenter}{%

```




```

4492 \xepersian@section{}
4493 }
4494 \newcommand{\xepersian@headright}{%
4495 \small\xepersian@edition%
4496 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4497 }
4498
4499 \newcommand{\heading}[3]{%
4500 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4501 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4502 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4503 }
4504 \newcommand{\xepersian@footright}{%
4505 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4506 }
4507 \newcommand{\xepersian@footcenter}{%
4508 }
4509 \newcommand{\xepersian@footleft}{%
4510 }
4511
4512 \newcommand{\foot}[3]{%
4513 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4514 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4515 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4516 }
4517 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4518 \newcommand{\xepersian@firstTitle}[1]{%
4519 {%
4520 \begin{spacing}{2.0}{%
4521 \noindent\ignorespaces
4522 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4523 {\nohyphens{\firstTitleFormat #1}}%
4524 {\firstTitleFormat #1}}%
4525 }%
4526 \end{spacing}%
4527 }%
4528 }
4529 \newcommand{\firstTextFormat}{}
4530 \newcommand{\xepersian@firstText}[1]{%
4531 {\noindent\ignorespaces\firstTextFormat #1}%
4532 }
4533 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4534 \newcommand{\xepersian@secondTitle}[1]{%
4535 \begin{spacing}{1.5}{%
4536 \noindent\ignorespaces\flushright
4537 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4538 {\nohyphens{\secondTitleFormat #1}}%
4539 {\secondTitleFormat #1}}%
4540 }\end{spacing}%
4541 }

```



```

4542 \newcommand{\secondSubtitleFormat}{\large}
4543 \newcommand{\xepersian@secondSubtitle}[1]{%
4544 {\noindent\ignorespaces{\secondSubtitleFormat #1}}%
4545 }
4546 \newcommand{\secondTextFormat}{}
4547 \newcommand{\xepersian@secondText}[1]{%
4548 \begin{multicols}{2}
4549 {\noindent\ignorespaces\secondTextFormat #1}
4550 \end{multicols}
4551 }
4552 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4553 \newcommand{\xepersian@thirdTitle}[1]{%
4554 \begin{spacing}{1.5}{%
4555 \noindent\ignorespaces\flushright
4556 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4557 {\nohyphens{\thirdTitleFormat #1}}%
4558 {\thirdTitleFormat #1}}%
4559 }\end{spacing}%
4560 }
4561 \newcommand{\thirdSubtitleFormat}{\large}
4562 \newcommand{\xepersian@thirdSubtitle}[1]{%
4563 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4564 \newcommand{\thirdTextFormat}{}
4565 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}}
4566 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4567 \newcommand{\xepersian@pictureCaption}[1]{%
4568 {\noindent\pictureCaptionFormat #1}}%
4569 }
4570 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4571 \newcommand{\xepersian@pages}[1]{%
4572 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4573 \newcommand{\innerTitleFormat}{\Huge}
4574 \newcommand{\xepersian@innerTitle}[1]{%
4575 \begin{flushright}{%
4576 \noindent
4577 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4578 {\nohyphens{\innerTitleFormat #1}}%
4579 {\innerTitleFormat #1}}%
4580 }%
4581 \\%
4582 \end{flushright}}%
4583 }
4584 \newcommand{\innerSubtitleFormat}{\large}
4585 \newcommand{\xepersian@innerSubtitle}[1]{\innerSubtitleFormat #1}}
4586 \newcommand{\timestampTxt}{}
4587 \newcommand{\timestampSeparator}{|}
4588 \newcommand{\timestampFormat}{\small}
4589 \newcommand{\timestamp}[1]{%
4590 {\timestampFormat%
4591 #1~\timestampTxt}}%

```



```

4592 }~\timestampSeparator{}%
4593 }
4594 \newcommand{\innerAuthorFormat}{\footnotesize}
4595 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4596 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4597 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4598 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4599 \newcommand{\editorialAuthorFormat}{\textsc}
4600 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4601 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}}
4602 \newcommand{\shortarticleSubtitleFormat}{\Large}
4603 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}}
4604 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4605 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}}
4606 \renewcommand{\maketitle}{\begin{titlepage}%
4607   \let\footnotesize\small
4608   \let\footnoterule\relax
4609   \let \footnote \thanks
4610   \null\vfil
4611   \vskip 60\p@
4612   \begin{center}%
4613     {\LARGE \@title \par}%
4614     \vskip 1em%
4615     {\LARGE <\xepersian@edition> \par}%
4616     \vskip 3em%
4617     {\large
4618       \lineskip .75em%
4619       \begin{tabular}[t]{c}%
4620         \@author
4621       \end{tabular}\par}%
4622       \vskip 1.5em%
4623       {\large \@date \par}%
4624     \end{center}\par
4625     \@thanks
4626     \vfil\null
4627   \end{titlepage}%
4628   \setcounter{footnote}{0}%
4629   \global\let\thanks\relax
4630   \global\let\maketitle\relax
4631   \global\let\@thanks\@empty
4632   \global\let\@author\@empty
4633   \global\let\@date\@empty
4634   \global\let\@title\@empty
4635   \global\let\title\relax
4636   \global\let\author\relax
4637   \global\let\date\relax
4638   \global\let\and\relax
4639 }
4640 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4641 \newsavebox{\xepersian@fmbx}

```



```

4642 \newenvironment{xepersian@fmpage}[1]
4643  {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4644  {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4645 \newcommand{\image}[2]{
4646 \vspace{5pt}
4647 \setlength{\fboxsep}{1pt}
4648 \addtolength{\xepersian@imgsize}{\columnwidth}
4649 \addtolength{\xepersian@imgsize}{-1\columnsep}
4650 \ifxetex
4651 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4652 \addtolength{\xepersian@pageneed}{50pt}
4653 \ClassWarning{xepersian-magazine}{%
4654 Image #1 needs: \the\xepersian@pageneed \space %
4655 and there is left: \the\page@free\space%
4656 }
4657 \ifdim \xepersian@pageneed < \page@free
4658
4659 {\centering\fbox{%
4660 \includegraphics[width = \xepersian@imgsize,
4661 height = \xepersian@imgsize,
4662 keepaspectratio ]{#1}}}
4663 \xepersian@pictureCaption{#2}
4664
4665 \vspace{5pt}
4666 \else
4667 \ClassWarning{Image #1 needs more space!%
4668 It was not inserted!}
4669 \fi
4670 \fi
4671 }
4672 \textblockorigin{1cm}{1cm}
4673 \newdimen\xepersian@dx
4674 \newdimen\xepersian@dy
4675 \newcount\xepersian@cx
4676 \newcount\xepersian@cy
4677 \newcommand{\grid}[3] [] {
4678 \xepersian@dx=\textwidth%
4679 \xepersian@dy=\textheight%
4680 \xepersian@cx=#3% %columns
4681 \xepersian@cy=#2% %rows
4682
4683 \count1=#3%
4684 \advance\count1 by 1
4685
4686 \count2=#2%
4687 \advance\count2 by 1
4688
4689 \divide\xepersian@dx by #3
4690 \divide\xepersian@dy by #2
4691

```



```

4692 \setlength{\TPHorizModule}{\xepersian@dx}
4693 \setlength{\TPVertModule}{\xepersian@dy}
4694
4695 \ifthenelse{\equal{#1}{show}}{
4696 \multido{\xepersian@nrow=0+1}{\count2}{
4697 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4698 \rule[0pt]{\textwidth}{.1pt}
4699 \end{textblock}
4700 }
4701
4702 \multido{\xepersian@ncol=0+1}{\count1}{
4703 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4704 \rule[0pt]{.1pt}{\textheight}
4705 \end{textblock}
4706 }
4707 }{}
4708 }
4709 \newcommand{\xepersianInit}{
4710 \setlength{\headheight}{14pt}
4711 \renewcommand{\headrulewidth}{0.4pt}
4712
4713 \pagestyle{fancy}
4714
4715 \setlength{\columnseprule}{\columnlines}
4716 \setlength{\fboxrule}{0.1 pt}
4717
4718 }
4719
4720 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4721 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4722 \def\custommagazinename#1{\gdef\@custommagazinename{\beginR#1\endR}}
4723 \newcommand{\logo}[0]{
4724 %% Heading %%
4725 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4726
4727 \vspace*{-3pt}
4728
4729 {\Large\bfseries \@customlogo}
4730 \hrulefill
4731 \hspace{10pt}\xepersian@headDateTime
4732
4733 }
4734 \newcommand{\minilogo}[0]{
4735 {\large\bfseries \@customminilogo}
4736
4737 \vspace*{5pt}
4738 }
4739 \newcommand{\mylogo}[1]{
4740 {\beginR#1\endR}
4741

```



```

4742 \noindent
4743 \xepersian@editionLogo\hspace{5pt}
4744 \hrulefill
4745 \hspace{5pt}\xepersian@headDateTime
4746 }
4747 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4748 \newenvironment{frontpage}[0]
4749 {
4750 \setboolean{xepersian@insidefrontpage}{true}
4751 \thispagestyle{empty}
4752 \logo
4753
4754 }%
4755 {
4756 \thispagestyle{empty}
4757 \clearpage
4758 \newpage
4759 \fancyhead{}
4760 \fancyfoot{}
4761 \fancyhead[RO,LE]{\beginR\xepersian@headright\endR}
4762 \fancyhead[LO,RE]{\beginR\xepersian@headleft\endR}
4763 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4764 \fancyfoot[RO,LE]{\beginR\xepersian@footright\endR}
4765 \fancyfoot[LO,RE]{\beginR\xepersian@footleft\endR}
4766 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4767 \renewcommand{\headrulewidth}{0.4pt}
4768 \setboolean{xepersian@insidefrontpage}{false}
4769
4770 }
4771 \newcommand{\firstarticle}[3]
4772 {
4773 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4774 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4775 \begin{textblock}{24}(22,5)
4776 }
4777 {
4778 \begin{textblock}{28}(22,5)
4779 }
4780 \vspace{-7pt}
4781 \xepersian@firstTitle{#1}
4782 \end{textblock}
4783 \begin{textblock}{29}(22,10)
4784 \vspace{5pt plus 2pt minus 2pt}
4785
4786 \xepersian@firstText{\timestamp{#3}~#2}
4787
4788 \end{textblock}
4789
4790 \begin{textblock}{50}(0,15)
4791 \rule{50\TPHorizModule}{.3pt}

```



```

4792 \end{textblock}
4793 }{%else
4794 \ClassError{xepersian-magazine}{%
4795 \protect\firstarticle\space in a wrong place.\MessageBreak
4796 \protect\firstarticle\space may only appear inside frontpage environment.
4797 }{%
4798 \protect\firstarticle\space may only appear inside frontpage environment.
4799 }%
4800 }
4801 }
4802 \newcommand{\secondarticle}[5]
4803 {
4804 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4805 \begin{textblock}{33}(2,16)
4806 \xepersian@pages{#4}
4807 \vspace{-5pt}
4808 \xepersian@secondTitle{#1}
4809
4810 \vspace*{5pt}
4811
4812 \xepersian@secondSubtitle{#2}
4813
4814 \vspace*{-7pt}
4815
4816 \xepersian@secondText{\timestamp{#5}~#3}
4817
4818 \end{textblock}
4819
4820 \begin{textblock}{33}(2,25)
4821 \vspace{5pt plus 2pt minus 2pt}
4822
4823 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4824 \end{textblock}
4825 }{%else
4826 \ClassError{xepersian-magazine}{%
4827 \protect\secondarticle\space in a wrong place.\MessageBreak
4828 \protect\secondarticle\space may only appear inside frontpage environment.
4829 }{%
4830 \protect\secondarticle\space may only appear inside frontpage environment.
4831 }%
4832 }
4833 }
4834 \newcommand{\thirdarticle}[6]
4835 {
4836 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4837 \begin{textblock}{32}(2,26)
4838 \xepersian@pages{#5}
4839 \vspace{-5pt}
4840 \setlength{\fboxsep}{1pt}
4841 \xepersian@thirdTitle{#1}

```



```

4842
4843 \vspace*{5pt}
4844
4845 \xepersian@thirdSubtitle{#2}
4846
4847 \vspace*{5pt}
4848
4849 {\noindent\ignorespaces %
4850 \ifthenelse{\equal{#4}{}}{}}
4851
4852 \xepersian@thirdText{\timestamp{#6}~#3}
4853
4854 }
4855
4856 \vspace*{5pt}
4857
4858 \end{textblock}
4859 }{%else
4860 \ClassError{xepersian-magazine}{%
4861 \protect\thirdarticle\space in a wrong place.\MessageBreak
4862 \protect\thirdarticle\space may only appear inside frontpage environment.
4863 }{%
4864 \protect\thirdarticle\space may only appear inside frontpage environment.
4865 }%
4866 }
4867 }
4868 \newcommand{\firstimage}[2]
4869 {
4870 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4871 \begin{textblock}{18}(2,5)
4872 \setlength{\fboxsep}{1pt}
4873 \ifxetex % only in PDF
4874 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4875 \fi
4876
4877 \xepersian@pictureCaption{#2}
4878 \end{textblock}%
4879 }
4880 {\ClassError{xepersian-magazine}{%
4881 \protect\firstimage\space in a wrong place.\MessageBreak
4882 \protect\firstimage\space may only appear inside frontpage environment.
4883 }{%
4884 \protect\firstimage\space may only appear inside frontpage environment.
4885 }}
4886 }%
4887 \newcommand{\weatheritem}[5]{%
4888 \ifthenelse{\boolean{xepersian@insideweather}}{
4889 \begin{minipage}{45pt}
4890 \ifxetex
4891 \includegraphics[width=40pt]{#1}

```




```

4892 \fi
4893 \end{minipage}
4894 \begin{minipage}{50pt}
4895 \weatherTempFormat
4896 #2\
4897 \beginL#3 $\!$ #4 \lr{\weatherUnits{}}\endL\
4898 #5
4899 \end{minipage}
4900 }{\%else
4901 \ClassError{xepersian-magazine}{\%
4902 \protect\weatheritem\space in a wrong place.\MessageBreak
4903 \protect\weatheritem\space may only appear inside weatherblock environment.
4904 }{\%
4905 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4906 weatherblock environment may only appear inside frontpage environment.
4907 }%
4908 }
4909 }
4910 \newenvironment{weatherblock}[1]
4911 {
4912 \ifthenelse{\boolean{xepersian@insidefrontpage}}{\%
4913 \setboolean{xepersian@insideweather}{true}
4914 \begin{textblock}{32}(2,38)
4915 \vspace*{-15pt}
4916
4917 \xepersian@weather{\beginR#1\endR}
4918
4919 \vspace*{5pt}
4920
4921 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4922 \begin{minipage}{32\TPHorizModule}
4923 \hspace{5pt}
4924
4925 }{\%
4926 \ClassError{xepersian-magazine}{\%
4927 weatherblock in a wrong place.\MessageBreak
4928 weatherblock may only appear inside frontpage environment.
4929 }{\%
4930 weatherblock may only appear inside frontpage environment.
4931 }
4932 }
4933 }%
4934 {
4935 \end{minipage}
4936 \end{xepersian@fmpage}
4937 \end{textblock}
4938 \setboolean{xepersian@insideweather}{false}
4939 }
4940 \newenvironment{authorblock}[0]
4941 {

```



```

4942 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4943 \begin{textblock}{15}(36,35)
4944 \setlength{\fboxsep}{5pt}
4945 \begin{xepersian@fmpage}{13\TPHorizModule}
4946 \begin{minipage}{13\TPHorizModule}
4947 \centering
4948 \minilogo
4949
4950 }{%else
4951 \ClassError{xepersian-magazine}{%
4952 authorblock in a wrong place.\MessageBreak
4953 authorblock may only appear inside frontpage environment.
4954 }{%
4955 authorblock may only appear inside frontpage environment.
4956 }
4957 }
4958 }
4959 {
4960 \end{minipage}
4961 \end{xepersian@fmpage}
4962 \end{textblock}
4963 }
4964 \newenvironment{indexblock}[1]
4965 {
4966 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4967 \setboolean{xepersian@insideindex}{true}%let's in
4968 \begin{textblock}{15}(36,16)
4969 \setlength{xepersian@indexwidth}{13\TPHorizModule}
4970 \xepersian@indexFrameTitle{#1}
4971
4972 \setlength{\fboxsep}{5pt} %espacio entre el frame y la imagen
4973 \begin{xepersian@fmpage}{\xepersian@indexwidth}
4974 \begin{minipage}{\xepersian@indexwidth}
4975 \vspace*{10pt}
4976 }{%else
4977 \ClassError{xepersian-magazine}{%
4978 indexblock in a wrong place.\MessageBreak
4979 indexblock may only appear inside frontpage environment.
4980 }{%
4981 indexblock may only appear inside frontpage environment.
4982 }
4983 }
4984 }%
4985 {
4986 \end{minipage}
4987 \end{xepersian@fmpage}
4988 \end{textblock}
4989 \setboolean{xepersian@insideindex}{false}%let's out
4990 }
4991 \newcommand{\indexitem}[2]

```



```

4992 {
4993 \ifthenelse{\boolean{xepersian@insideindex}}{
4994 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4995
4996 \vspace{0.5cm}
4997
4998 \noindent\ignorespaces\indexEntrySeparator{}
4999 }{%else
5000 \ClassError{xepersian-magazine}{%
5001 \protect\indexitem\space in a wrong place.\MessageBreak
5002 \protect\indexitem\space may only appear inside indexblock environment.
5003 }{%
5004 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
5005 indexblock environment may only appear inside frontpage environment.
5006 }%
5007 }
5008 }
5009 \newcommand{\xepersian@inexpandedtitle}[1]{
5010 \begin{minipage}{.95\textwidth}
5011 \begin{center}
5012 \noindent\Large\textbf{\beginR#1\endR}
5013 \end{center}
5014 \end{minipage}
5015 }
5016 \newcommand{\expandedtitle}[2]{
5017 \end{multicols}
5018
5019 \begin{center}
5020 \setlength{\fboxsep}{5pt}
5021 \setlength{\shadowsize}{2pt}
5022 \ifthenelse{\equal{#1}{shadowbox}}{%
5023 \shadowbox{%
5024 \xepersian@inexpandedtitle{#2}%
5025 }%
5026 }{}
5027 \ifthenelse{\equal{#1}{doublebox}}{%
5028 \doublebox{%
5029 \xepersian@inexpandedtitle{#2}%
5030 }%
5031 }{}
5032 \ifthenelse{\equal{#1}{ovalbox}}{%
5033 \ovalbox{%
5034 \xepersian@inexpandedtitle{#2}%
5035 }%
5036 }{}
5037 \ifthenelse{\equal{#1}{0ovalbox}}{%
5038 \0ovalbox{%
5039 \xepersian@inexpandedtitle{#2}%
5040 }%
5041 }{}

```



```

5042 \ifthenelse{\equal{#1}{lines}}{
5043 \hrule
5044 \vspace*{8pt}
5045 \begin{center}
5046 \noindent\Large\textbf{#2}
5047 \end{center}
5048 \vspace*{8pt}
5049 \hrule
5050 }{}
5051 \end{center}
5052
5053 \begin{multicols}{\xepersian@ncolumns{}}
5054 \ifnum \xepersian@ncolumns > \minraggedcols
5055 \raggedFormat
5056 \fi
5057 }
5058 \newcommand{\xepersian@incolumntitle}[2]{
5059 \begin{minipage}{#1}
5060 \begin{center}
5061 \noindent\normalsize\textbf{#2}
5062 \end{center}
5063 \end{minipage}
5064 }
5065
5066 \newcommand{\columntitle}[2]{
5067 \vspace*{5pt}
5068 \begin{center}
5069 \setlength{\fboxsep}{5pt}
5070 \setlength{\shadowsize}{2pt}
5071 \addtolength{\xepersian@coltitsize}{\columnwidth}
5072 \addtolength{\xepersian@coltitsize}{-1\columnsep}
5073 \addtolength{\xepersian@coltitsize}{-5pt}
5074 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
5075 \ifthenelse{\equal{#1}{shadowbox}}{%
5076 \shadowbox{%
5077 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5078 }%
5079 }{}
5080 \ifthenelse{\equal{#1}{doublebox}}{%
5081 \doublebox{%
5082 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5083 }%
5084 }{}
5085 \ifthenelse{\equal{#1}{ovalbox}}{%
5086 \ovalbox{%
5087 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5088 }%
5089 }{}
5090 \ifthenelse{\equal{#1}{Ovalbox}}{%
5091 \Ovalbox{%

```



```

5092 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5093 }%
5094 }{}
5095 \ifthenelse{\equal{#1}{lines}}{
5096 \hrule
5097 \vspace*{5pt}
5098 \begin{center}
5099 \noindent\normalsize\textbf{#2}
5100 \end{center}
5101 \vspace*{5pt}
5102 \hrule
5103 }{}
5104 \end{center}
5105 }
5106 \renewcommand{\date}{%
5107 \longdate{\today}%
5108 }
5109 \newcommand{\authorandplace}[2]{%
5110 \rightline{%
5111 {\innerAuthorFormat #1},\space-{\innerPlaceFormat #2}%
5112 }%
5113 \par %
5114 }
5115 \newcommand{\newsection}[1]{
5116 \renewcommand{\xepersian@section}{#1}
5117 }
5118 \newenvironment{article}[5]
5119 {
5120 \xepersian@say{Adding a new piece of article}
5121 \renewcommand{\xepersian@ncolumns}{#1}
5122 \begin{multicols}{#1}[
5123 \xepersian@pages{#4}
5124 \xepersian@innerTitle{#2}%
5125 \xepersian@innerSubtitle{#3}%
5126 ] [4cm]%
5127 \label{#5}
5128 \ifnum #1 > \minraggedcols
5129 \raggedFormat
5130 \fi
5131 }
5132 {-\innerTextFinalMark{}
5133 \end{multicols}
5134 }
5135 \newcommand{\articlesep}{%
5136 \setlength{\xepersian@pageneed}{16000pt}
5137 \setlength\xepersian@pageleft{\pagegoal}
5138 \addtolength\xepersian@pageleft{-\pagetotal}
5139 }
5140 \xepersian@say{How much left \the\xepersian@pageleft}
5141

```



```

5142 \ifdim \xepersian@pageneed < \xepersian@pageleft
5143 \xepersian@say{Not enough space}
5144 \else
5145 \xepersian@say{Adding sep line between articles}
5146 \vspace*{10pt plus 10pt minus 5pt}
5147 \hrule
5148 \vspace*{10pt plus 5pt minus 5pt}
5149 \fi
5150
5151 }
5152 \newcommand{\xepersian@editorialTit}[2]{
5153 \setlength{\arrayrulewidth}{.1pt}
5154 \begin{center}
5155 \begin{tabular}{c}
5156 \noindent
5157 \xepersian@editorialTitle{#1}
5158 \vspace{2pt plus 1pt minus 1pt}
5159 \\
5160 \hline
5161 \vspace{2pt plus 1pt minus 1pt}
5162 \\
5163 \editorialAuthorFormat{#2}
5164 \end{tabular}
5165 \end{center}
5166 }
5167 \newenvironment{editorial}[4]
5168 {
5169 \xepersian@say{Adding a new editorial}
5170 \begin{multicols}{#1}[%
5171 \xepersian@editorialTit{#2}{#3}%
5172 ] [4cm]
5173 \label{#4}
5174 \ifnum #1 > \minraggedcols
5175 \raggedFormat
5176 \fi
5177 }
5178 {
5179 \end{multicols}
5180 }
5181 \newcommand{\xepersian@shortarticleTit}[2]{
5182 \begin{center}
5183 \vbox{%
5184 \noindent
5185 \xepersian@shortarticleTitle{#1}
5186 \vspace{4pt plus 2pt minus 2pt}
5187 \hrule
5188 \vspace{4pt plus 2pt minus 2pt}
5189 \xepersian@shortarticleSubtitle{#2}
5190 }
5191 \end{center}

```



```

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

```

61 File xepersian-mathsdigitspec.sty

```

5213 \NeedsTeXFormat{LaTeX2e}
5214 \ProvidesPackage{xepersian-mathsdigitspec}
5215 [2018/12/16 v1.1.7 Unicode Persian maths digits in XeLaTeX]
5216 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
5217 \let\newfam\new@mathgroup
5218 \def\select@group#1#2#3#4{%
5219 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5220 {%
5221 \ifmmode
5222 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5223 \begingroup
5224 \escapechar\m@ne
5225 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5226 \globaldefs\@ne \math@fonts
5227 \endgroup
5228 \init@restore@version
5229 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
5230   {\number\csname c@mv@\math@version\endcsname}}%
5231 \global\advance\csname c@mv@\math@version\endcsname\@ne
5232 \else
5233 \let#1\relax
5234 \@latex@error{Too many math alphabets used in
5235   version \math@version}%
5236 \e@ha
5237 \fi
5238 \else \expandafter\non@alpherr\fi

```



```

5239 #1{#4}%
5240 }%
5241 }
5242 \def\document@select@group#1#2#3#4{%
5243 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5244 {%
5245 \ifmmode
5246 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5247 \beginingroup
5248 \escapechar\m@ne
5249 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5250 \globaldefs\@ne \math@fonts
5251 \endgroup
5252 \expandafter\extract@alph@from@version
5253 \csname mv@\math@version\expandafter\endcsname
5254 \expandafter{\number\csname
5255 c@mv@\math@version\endcsname}%
5256 #1%
5257 \global\advance\csname c@mv@\math@version\endcsname\@ne
5258 \else
5259 \let#1\relax
5260 \@latex@error{Too many math alphabets used
5261 in version \math@version}%
5262 \@eha
5263 \fi
5264 \else \expandafter\non@alpherr\fi
5265 #1{#4}%
5266 }%
5267 }
5268 \ExplSyntaxOn
5269 \bool_set_false:N \g__fontspec_math_bool
5270 \tl_map_inline:nn
5271 {
5272 \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
5273 \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
5274 \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
5275 \version@list\version@elt\alpha@list\alpha@elt
5276 \restore@mathversion\init@restore@version\dorestore@version\process@table
5277 \new@mathversion\DeclareSymbolFont\group@list\group@elt
5278 \new@symbolfont\SetSymbolFont\SetSymbolFont@\get@cdp
5279 \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
5280 \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
5281 \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
5282 \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
5283 \set@mathdelimiter\DeclareMathRadical\mathchar@type
5284 \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
5285 }
5286 {
5287 \tl_remove_once:Nn \@preamblecmds {\do#1}
5288 }

```




```

5289 \ExplSyntaxOff
5290 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitspec}{#1}}
5291 \newcommand\SetMathCode[4]{%
5292   \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5293 \newcommand\SetMathCharDef[4]{%
5294   \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5295 \ExplSyntaxOn
5296 \cs_new_eq:NN \orig_mathbf:n \mathbf
5297 \cs_new_eq:NN \orig_mathit:n \mathit
5298 \cs_new_eq:NN \orig_mathrm:n \mathrm
5299 \cs_new_eq:NN \orig_mathsf:n \mathsf
5300 \cs_new_eq:NN \orig_mathtt:n \mathtt
5301 \NewDocumentCommand \new@mathbf { m } {
5302   \orig_mathbf:n {
5303     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5304       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
5305     }
5306     #1
5307   }
5308 }
5309 \NewDocumentCommand \new@mathit { m } {
5310   \orig_mathit:n {
5311     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5312       \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
5313     }
5314     #1
5315   }
5316 }
5317 \NewDocumentCommand \new@mathrm { m } {
5318   \orig_mathrm:n {
5319     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5320       \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
5321     }
5322     #1
5323   }
5324 }
5325 \NewDocumentCommand \new@mathsf { m } {
5326   \orig_mathsf:n {
5327     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5328       \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
5329     }
5330     #1
5331   }
5332 }
5333 \NewDocumentCommand \new@mathtt { m } {
5334   \orig_mathtt:n {
5335     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5336       \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
5337     }
5338     #1

```



```

5339 }
5340 }
5341
5342 \cs_new:Npn \__xepersian_mathsdigitspec_error:nxx { \msg_error:nxxx {xepersian-mathsdigi
5343 \cs_new:Nn \__xepersian_mathsdigitspec_msg_new:nnnn
5344 { \msg_new:nxxx {#1} {#2} { \tl_trim_spaces:n {#3} } { \tl_trim_spaces:n {#4} } }
5345 \char_set_catcode_space:n {32}
5346 \__xepersian_mathsdigitspec_msg_new:nnnn {xepersian-mathsdigitspec} {char-not-exist}
5347 {
5348 The font "#1" does not contain U+#2.
5349 }
5350 {
5351 Select another font and rerun xelatex.
5352 }
5353 \char_set_catcode_ignore:n {32}
5354
5355 \prg_new_conditional:Nnn \__xepersian_mathsdigitspec_primitive_font_char_if_exist:n {p,TF,T,F}
5356 {
5357 \etex_iffontchar:D \l_fontspec_font "#1" \scan_stop:
5358 \prg_return_true:
5359 \else:
5360 \prg_return_false:
5361 \fi:
5362 }
5363
5364 \clist_new:N \l_xepersian_mathsdigitspec_char_clist
5365
5366 \cs_new:Nn \__xepersian_mathsdigitspec_char_set_not_exist_error:nn
5367 {
5368 \clist_set:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5369 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {
5370 \__xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \__xepersian_mathsd
5371 }
5372 }
5373
5374 \cs_new:Nn \__xepersian_mathsdigitspec_char_prepend_not_exist_error:nn
5375 {
5376 \clist_put_left:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5377 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {
5378 \__xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \__xepersian_mathsd
5379 }
5380 }
5381
5382 \cs_new:Nn \__xepersian_mathsdigitspec_char_append_not_exist_error:nn
5383 {
5384 \clist_put_right:Nn \l_xepersian_mathsdigitspec_char_clist { #1 }
5385 \clist_map_inline:Nn \l_xepersian_mathsdigitspec_char_clist {
5386 \__xepersian_mathsdigitspec_primitive_font_char_if_exist:nF { ##1 }{ \__xepersian_mathsd
5387 }
5388 }

```



```

5389
5390 \cs_new:Nn \__xepersian_mathsdigitfont_spec_char_not_exist_error:n
5391 {
5392   \__xepersian_mathsdigitfont_spec_char_set_not_exist_error:nn {
5393     06F0 , 06F1 , 06F2 , 06F3 , 06F4 , 06F5 , 06F6 , 06F7 , 06F8 ,
5394     06F9 , 066A , 066B
5395   } { #1 }
5396 }
5397
5398 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
5399 {
5400   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5401 }
5402 \cs_new:Nn \__xepersian_main_setmathdigitfont:nn
5403 {
5404   \let\glb@currsize\relax
5405   \fontspec_set_family:Nnn \g__xepersian_mathdigitfont_family_tl {Ligatures=PersianTeX,#1} {#2}
5406   \__xepersian_setmathdigitfont_hook:nn {#1} {#2}
5407   \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5408   \DeclareSymbolFont{OPERATORS} {\g_fontspec_encoding_tl}{\g__xepersian_mathdigitfont_family_tl}
5409   \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitfont_family_tl}
5410   \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitfont_family_tl}
5411   \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitfont_family_tl}
5412   \__xepersian_mathsdigitfont_spec_char_not_exist_error:n { #2 }
5413   \def\xepersianmathsdigitfont{%
5414     \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5415     \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5416     \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5417     \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5418     \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5419     \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5420     \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5421     \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5422     \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5423     \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5424     \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5425     \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5426     \tl_set_eq:NN \mathbf \new@mathbf
5427     \tl_set_eq:NN \mathit \new@mathit
5428     \tl_set_eq:NN \mathrm \new@mathrm}
5429 }
5430
5431 \cs_set_eq:NN \__xepersian_setmathdigitfont_hook:nn \use_none:nn
5432
5433 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5434 {
5435   \__xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5436 }
5437 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5438 {

```



```

5439 \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Ligatures=PersianTeX,#1} {#2}
5440 \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5441 \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsf
5442 \__xepersian_mathsdigitspec_char_not_exist_error:n { #2 }
5443 \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5444 }
5445
5446 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5447
5448 \DeclareDocumentCommand \setmathttdigitfont { O{} m O{} }
5449 {
5450 \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5451 }
5452 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5453 {
5454 \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Ligatures=PersianTeX,#1} {#2}
5455 \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5456 \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5457 \__xepersian_mathsdigitspec_char_not_exist_error:n { #2 }
5458 \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5459 }
5460
5461 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5462
5463 \ExplSyntaxOff
5464 \ifx\newcommand\undefined\else
5465 \newcommand{\ZifferAn}{}
5466 \fi
5467 \mathchardef\ziffer@DotOri="013A
5468 {\ZifferAn
5469 \catcode\.=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5470 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5471 \def\ziffer@check#1#2{%
5472 \ifx\n1\endgroup#1\else
5473 \ifx\n2\endgroup#1\else
5474 \ifx\n3\endgroup#1\else
5475 \ifx\n4\endgroup#1\else
5476 \ifx\n5\endgroup#1\else
5477 \ifx\n6\endgroup#1\else
5478 \ifx\n7\endgroup#1\else
5479 \ifx\n8\endgroup#1\else
5480 \ifx\n9\endgroup#1\else
5481 \ifx\n0\endgroup#1\else
5482 \ifx\n\overline\endgroup#1\else
5483 \endgroup#2%
5484 \fi
5485 \fi
5486 \fi
5487 \fi
5488 \fi

```



```

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

```

62 File xepersian-multiplechoice.sty

```
5535 \NeedsTeXFormat{LaTeX2e}
```



```

5536 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5537           Multiple Choice Questionnaire class for Persian in XeLaTeX]
5538 \RequirePackage{pifont}
5539 \RequirePackage{fullpage}
5540 \RequirePackage{ifthen}
5541 \RequirePackage{calc}
5542 \RequirePackage{verbatim}
5543 \RequirePackage{tabularx}
5544 \def\@headerfont{\bfseries}
5545 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5546 \def\@X{X}
5547 \newcommand\X[1]{\gdef\@X{#1}}
5548 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5549 \newcolumnntype{D}{>{\pbs\centering}X}
5550 \newcolumnntype{Q}{>{\@headerfont}X}
5551
5552 \renewcommand\tabularxcolumn[1]{m{#1}}
5553 \newcommand\makeform@nocorrection{%
5554   \addtocontents{frm}{\protect\end{tabularx}}
5555   \@starttoc{frm}}
5556 \newcommand\makeform@correction{%
5557   \addtocontents{frm}{\protect\end{tabularx}}}
5558 \newcommand\makemask@nocorrection{%
5559   \addtocontents{msk}{\protect\end{tabularx}}
5560   \@starttoc{msk}}
5561 \newcommand\makemask@correction{%
5562   \addtocontents{msk}{\protect\end{tabularx}}}
5563 \newlength\questionspace
5564 \setlength\questionspace{0pt}
5565 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5566 \def\@answerstitlefont{\bfseries}
5567 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5568 \def\@answernumberfont{\bfseries}
5569 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5570 \newcounter{question}\stepcounter{question}
5571 \newcounter{@choice}
5572 \def\@initiorcheck{%
5573   \xdef\@choices{\the@choice}%
5574   \setcounter{@choice}{1}%
5575   \gdef\@arraydesc{|Q||}%
5576   \gdef\@headerline{}}%
5577   \whiledo{\not{\value{@choice}>\@choices}}{
5578     \xdef\@arraydesc{\@arraydesc D|}
5579     \def\@appendheader{\g@addto@macro\@headerline}
5580     \@appendheader{&\protect\@headerfont}
5581     \edef\@the@choice{\alph{@choice}}
5582     \expandafter\@appendheader\@the@choice
5583     \stepcounter{@choice}}%
5584   \addtocontents{frm}{%
5585     \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}

```



```

5586 \protect\hline
5587 \@headerline\protect\\protect\hline\protect\hline}%
5588 \addtocontents{msk}{%
5589 \protect\begin{tabularx}{\protect\linewidth}{\arraydesc}
5590 \protect\hline
5591 \@headerline\protect\\protect\hline\protect\hline}%
5592 \gdef\@initorcheck{%
5593 \ifthenelse{\value{@choice} = \@choices}{}%
5594 \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5595 (\the@choice\space instead of \@choices)}{%
5596 Questions must all have the same number of proposed answers.%
5597 \MessageBreak
5598 Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}%
5599 \newenvironment{question}[1]{%
5600 %% \begin{question}
5601 \begin{minipage}{\textwidth}
5602 \xdef\@formanswerline{\@questionheader}%
5603 \xdef\@maskanswerline{\@questionheader}%
5604 \fbox{\parbox[c]{\linewidth}{#1}}
5605 \vspace\questionspace\par
5606 {\@answerstitlefont\@answerstitle}
5607 \begin{list}{\@answernumberfont\alph{@choice)}~}{\usecounter{@choice}}}%
5608 %% \end{question}
5609 \end{list}
5610 \@initorcheck%
5611 \addtocontents{frm}{\@formanswerline\protect\\protect\hline}%
5612 \addtocontents{msk}{\@maskanswerline\protect\\protect\hline}%
5613 \end{minipage}
5614 \stepcounter{question}}
5615 \def\@truesymbol{\ding{52}~}
5616 \def\@falsesymbol{\ding{56}~}
5617 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5618 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{#1}}
5619 \def\@true@nocorrection{\item}
5620 \def\@false@nocorrection{\item}
5621 \def\@true@correction{\item[\@truesymbol\refstepcounter{@choice}]}
5622 \def\@false@correction{\item[\@falsesymbol\refstepcounter{@choice}]}
5623 \newcommand\true{%
5624 \xdef\@formanswerline{\@formanswerline&}%
5625 \xdef\@maskanswerline{\@maskanswerline&\@X}%
5626 \@true}%
5627 \newcommand>false{%
5628 \xdef\@formanswerline{\@formanswerline&}%
5629 \xdef\@maskanswerline{\@maskanswerline&}%
5630 \@false}%
5631 \def\@correctionstyle{\itshape}
5632 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5633 \newenvironment{correction}{\@correctionstyle}{%
5634 \def\@questionheader{ \thequestion}
5635 \answerstitle{ :

```



```

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

```

63 File xepersian-persiancal.sty

```

5672 \NeedsTeXFormat{LaTeX2e}
5673 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5674
5675 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5676 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5677 \newcount\XePersian@latini \newcount\XePersian@persiani
5678 \newcount\XePersian@latinii \newcount\XePersian@persianii
5679 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5680 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5681 \newcount\XePersian@latinv \newcount\XePersian@persianv
5682 \newcount\XePersian@latinvi \newcount\XePersian@persianvi

```




```

5683 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5684 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5685 \newcount\XePersian@latinix \newcount\XePersian@persianix
5686 \newcount\XePersian@latinx \newcount\XePersian@persianx
5687 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5688 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5689 \newcount\XePersian@persianxiii
5690
5691 \newcount\XePersian@temp
5692 \newcount\XePersian@temptwo
5693 \newcount\XePersian@tempthree
5694 \newcount\XePersian@yModHundred
5695 \newcount\XePersian@thirtytwo
5696 \newcount\XePersian@dn
5697 \newcount\XePersian@sn
5698 \newcount\XePersian@mminusone
5699
5700
5701 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5702 \XePersian@temp=\XePersian@y
5703 \divide\XePersian@temp by 100\relax
5704 \multiply\XePersian@temp by 100\relax
5705 \XePersian@yModHundred=\XePersian@y
5706 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5707 \ifodd\XePersian@yModHundred
5708 \XePersian@leapfalse
5709 \else
5710 \XePersian@temp=\XePersian@yModHundred
5711 \divide\XePersian@temp by 2\relax
5712 \ifodd\XePersian@temp\XePersian@leapfalse
5713 \else
5714 \ifnum\XePersian@yModHundred=0%
5715 \XePersian@temp=\XePersian@y
5716 \divide\XePersian@temp by 400\relax
5717 \multiply\XePersian@temp by 400\relax
5718 \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5719 \else\XePersian@leaptrue
5720 \fi
5721 \fi
5722 \fi
5723 \XePersian@latini=31\relax
5724 \ifXePersian@leap
5725 \XePersian@latinii = 29\relax
5726 \else
5727 \XePersian@latinii = 28\relax
5728 \fi
5729 \XePersian@latiniii = 31\relax
5730 \XePersian@latiniv = 30\relax
5731 \XePersian@latinv = 31\relax
5732 \XePersian@latinvi = 30\relax

```



```

5733 \XePersian@latinvii = 31\relax
5734 \XePersian@latinviii = 31\relax
5735 \XePersian@latinix = 30\relax
5736 \XePersian@latinix = 31\relax
5737 \XePersian@latinxi = 30\relax
5738 \XePersian@latinxii = 31\relax
5739 \XePersian@thirtytwo=32\relax
5740 \XePersian@temp=\XePersian@y
5741 \advance\XePersian@temp by -17\relax
5742 \XePersian@temptwo=\XePersian@temp
5743 \divide\XePersian@temptwo by 33\relax
5744 \multiply\XePersian@temptwo by 33\relax
5745 \advance\XePersian@temp by -\XePersian@temptwo
5746 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalsethen
5747 \else
5748   \XePersian@temptwo=\XePersian@temp
5749   \divide\XePersian@temptwo by 4\relax
5750   \multiply\XePersian@temptwo by 4\relax
5751   \advance\XePersian@temp by -\XePersian@temptwo
5752   \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalsethen\fi
5753 \fi
5754 \XePersian@tempthree=\XePersian@y % Number of Leap years
5755 \advance\XePersian@tempthree by -1
5756 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5757 \divide\XePersian@temp by 4\relax
5758 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5759 \divide\XePersian@temptwo by 100\relax
5760 \advance\XePersian@temp by -\XePersian@temptwo
5761 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5762 \divide\XePersian@temptwo by 400\relax
5763 \advance\XePersian@temp by \XePersian@temptwo
5764 \advance\XePersian@tempthree by -611 % Number of Kabise years
5765 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5766 \divide\XePersian@temptwo by 33\relax
5767 \multiply\XePersian@temptwo by 8\relax
5768 \advance\XePersian@temp by -\XePersian@temptwo
5769 \XePersian@temptwo=\XePersian@tempthree %
5770 \divide\XePersian@temptwo by 33\relax
5771 \multiply\XePersian@temptwo by 33\relax
5772 \advance\XePersian@tempthree by -\XePersian@temptwo
5773 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T
5774 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5775 \advance\XePersian@temp by -\XePersian@tempthree
5776 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5777 \XePersian@persiani=31
5778 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5779 \XePersian@persianii = 30\relax
5780 \if\XePersian@kabiseh
5781   \XePersian@persianiii = 30\relax
5782 \else

```



```

5783 \XePersian@persianiii = 29\relax
5784 \fi
5785 \XePersian@persianiv = 31\relax
5786 \XePersian@persianv = 31\relax
5787 \XePersian@persianvi = 31\relax
5788 \XePersian@persianvii = 31\relax
5789 \XePersian@persianviii= 31\relax
5790 \XePersian@persianix = 31\relax
5791 \XePersian@persianx = 30\relax
5792 \XePersian@persianxi = 30\relax
5793 \XePersian@persianxii = 30\relax
5794 \XePersian@persianxiii= 30\relax
5795 \XePersian@dn= 0\relax
5796 \XePersian@sn= 0\relax
5797 \XePersian@mminusone=\XePersian@m
5798 \advance\XePersian@mminusone by -1\relax
5799 \XePersian@i=0\relax
5800 \ifnum\XePersian@i < \XePersian@mminusone
5801 \loop
5802 \advance \XePersian@i by 1\relax
5803 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5804 \ifnum\XePersian@i<\XePersian@mminusone \repeat
5805 \fi
5806 \advance \XePersian@dn by \XePersian@d
5807 \XePersian@i=1\relax
5808 \XePersian@sn = \XePersian@persiani
5809 \ifnum \XePersian@sn<\XePersian@dn
5810 \loop
5811 \advance \XePersian@i by 1\relax
5812 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5813 \ifnum \XePersian@sn<\XePersian@dn \repeat
5814 \fi
5815 \ifnum \XePersian@i < 4
5816 \XePersian@m = 9 \advance\XePersian@m by \XePersian@i
5817 \advance \XePersian@y by -622\relax
5818 \else
5819 \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5820 \advance \XePersian@y by -621\relax
5821 \fi
5822 \advance\XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i%,
5823 \endcsname
5824 \ifnum\XePersian@i = 1
5825 \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance\XePersian@d by -\XePersian
5826 \else
5827 \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5828 \fi
5829 \newcommand*{\persiantoday}{%
5830 \number\XePersian@d\space%
5831 \XePersian@persian@month{\XePersian@m}\space\number\XePersian@y%
5832 }

```



```
5833 \let\persianyear\XePersian@y
5834 \let\persianmonth\XePersian@m
5835 \let\persianday\XePersian@d
5836 \def\XePersian@persian@month#1{\ifcase#1\or or\
5837 or\
5838 or\ or\
5839 or\
5840 or\ or\
5841 or\ or\
5842 or\ or\
5843 \fi\
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