



The XePersian *Package*

Source documentation for version 22.2

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/bidirtex/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 22.2](#)

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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 bidentuftesidenote-xepersian.def

```

82 \ProvidesFile{bidentuftesidenote-xepersian.def}[2017/02/04 v0.3 xepersian changes to bidentuftes
83
84 \setLTRcitationfont{\resetlatinfont\footnotesize}
85
86 \renewcommand*\@bidentuftesidenote@LTRmarginfont{\resetlatinfont\footnotesize}
87
88 \renewcommand*\@bidentuftesidenote@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{ }{abovedisplayshortskip}
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{ }{belowdisplayshortskip}
231 \eqcommand{ }{belowdisplayskip}
232 \eqcommand{ }{bf}
233 \eqcommand{ }{bfdefault}
234 \eqcommand{ }{bfseries}
235 \eqcommand{ }{bgroup}
236 \eqcommand{ }{bibitem}
237 \eqcommand{ }{bibliography}
238 \eqcommand{ }{bibliographystyle}
239 \eqcommand{ }{bibname}
240 \eqcommand{ }{bigskip}
241 \eqcommand{ }{bigskipamount}
242 \eqcommand{ }{botfigrule}
243 \eqcommand{ }{botmark}
244 \eqcommand{ }{bottompageskip}
245 \eqcommand{ }{bottomfraction}
246 \eqcommand{ }{box}
247 \eqcommand{ }{boxmaxdepth}
248 \eqcommand{ }{break}
249 \eqcommand{ }{bullet}
250 \eqcommand{ @ }{@cclv}
251 \eqcommand{ @ }{@cclvi}
252 \eqcommand{ }{caption}
253 \eqcommand{ }{catcode}
254 \eqcommand{ }{cc}
255 \eqcommand{ }{ccname}
256 \eqcommand{ }{cdot}
257 \eqcommand{ }{cdots}
258 \eqcommand{ }{centering}
259 \eqcommand{ }{centerline}
260 \eqcommand{ @ }{ch@ck}
261 \eqcommand{ }{chapter}
262 \eqcommand{ }{chaptername}
263 \eqcommand{ }{char}
264 \eqcommand{ }{chardef}
265 \eqcommand{ }{CheckCommand}
266 \eqcommand{ }{cite}
267 \eqcommand{ }{ClassError}
268 \eqcommand{ }{ClassInfo}
269 \eqcommand{ }{ClassWarning}
270 \eqcommand{ }{ClassWarningNoLine}

```



```

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

```



```

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

```



```

371 \eqcommand{ }{\endgraf}
372 \eqcommand{ }{\endgroup}
373 \eqcommand{ }{\endhead}
374 \eqcommand{ }{\endinput}
375 \eqcommand{ }{\endlastfoot}
376 \eqcommand{ }{\enlargethispage}
377 \eqcommand{ }{\endline}
378 \eqcommand{ }{\endlinechar}
379 \eqcommand{ }{\enspace}
380 \eqcommand{ }{\enskip}
381 \eqcommand{ }{\eqcommand}
382 \eqcommand{ }{\eqenvironment}
383 \eqcommand{ }{\eqref}
384 \eqcommand{ }{\errhelp}
385 \eqcommand{ }{\errmessage}
386 \eqcommand{ }{\errorcontextlines}
387 \eqcommand{ }{\errorstopmode}
388 \eqcommand{ }{\escapechar}
389 \eqcommand{ }{\euro}
390 \eqcommand{ }{\evensidemargin}
391 \eqcommand{ }{\everycr}
392 \eqcommand{ }{\everydisplay}
393 \eqcommand{ }{\everyhbox}
394 \eqcommand{ }{\everyjob}
395 \eqcommand{ }{\everymath}
396 \eqcommand{ }{\everypar}
397 \eqcommand{ }{\everyvbox}
398 \eqcommand{ }{\ExecuteOptions}
399 \eqcommand{ }{\exhyphenpenalty}
400 \eqcommand{ }{\expandafter}
401 \eqcommand{ }{\extracolsep}
402 \eqcommand{@ }{@firstofone}
403 \eqcommand{@ }{@firstoftwo}
404 \eqcommand{ @ }{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{ }{figurename}
413 \eqcommand{ }{filbreak}
414 \eqcommand{ }{fill}
415 \eqcommand{ }{firstmark}
416 \eqcommand{ }{flat}
417 \eqcommand{ }{floatpagefraction}
418 \eqcommand{ }{floatingpenalty}
419 \eqcommand{ }{floatsep}
420 \eqcommand{ }{flushbottom}

```



```

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

```



```

471 \eqcommand{      }{headheight}
472 \eqcommand{      }{headsep}
473 \eqcommand{      }{headtoname}
474 \eqcommand{ }{heartsuit}
475 \eqcommand{ }{height}
476 \eqcommand{ }{hfil}
477 \eqcommand{ }{hfill}
478 \eqcommand{ }{hfilneg}
479 \eqcommand{ }{hfuzz}
480 \eqcommand{ }{hideskip}
481 \eqcommand{ }{hidewidth}
482 \bidi@csletcs{ }{hline}% this is an exception
483 \eqcommand{ }{hoffset}
484 \eqcommand{ }{holdinginserts}
485 \eqcommand{ }{hrboxsep}
486 \eqcommand{ }{hrule}
487 \eqcommand{ }{hrulefill}
488 \eqcommand{ }{hsize}
489 \eqcommand{ }{hskip}
490 \eqcommand{ }{hspace}
491 \eqcommand{ }{hss}
492 \eqcommand{ }{ht}
493 \eqcommand{ }{huge}
494 \eqcommand{ }{Huge}
495 \eqcommand{ }{hyperlink}
496 \eqcommand{ }{hypersetup}
497 \eqcommand{ }{hypertarget}
498 \eqcommand{ }{hyphenation}
499 \eqcommand{ }{hyphenchar}
500 \eqcommand{ }{hyphenpenalty}
501 \eqcommand{@ }{@ifclassloaded}
502 \eqcommand{@ }{@ifdefinable}
503 \eqcommand{@ }{@ifnextchar}
504 \eqcommand{@ }{@ifpackageloaded}
505 \eqcommand{@ }{@ifstar}
506 \eqcommand{@ }{@ifundefined}
507 \eqcommand{ }{if}
508 \eqcommand{ @ }{if@tempwa}
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{      }\{nearrow\}
684 \eqcommand{      }\{nearrower\}
685 \eqcommand{      }\{NeedsTeXFormat\}
686 \eqcommand{ }\{neg\}
687 \eqcommand{      }\{negmedspace\}
688 \eqcommand{      }\{negthickspace\}
689 \eqcommand{      }\{negthinspace\}
690 \eqcommand{      }\{newboolean\}
691 \eqcommand{      }\{newbox\}
692 \eqcommand{      }\{newcommand\}
693 \eqcommand{      }\{newcount\}
694 \eqcommand{      }\{newcounter\}
695 \eqcommand{      }\{newdimen\}
696 \eqcommand{      }\{newenvironment\}
697 \eqcommand{      }\{newfam\}
698 \eqcommand{ }\{newfont\}
699 \eqcommand{      }\{newhelp\}
700 \eqcommand{      }\{newinsert\}
701 \eqcommand{      }\{newlabel\}
702 \eqcommand{      }\{newlength\}
703 \eqcommand{      }\{newline\}
704 \eqcommand{      }\{newlinechar\}
705 \eqcommand{      }\{newmuskip\}
706 \eqcommand{      }\{newpage\}
707 \eqcommand{      }\{newread\}
708 \eqcommand{      }\{newsavebox\}
709 \eqcommand{      }\{newskip\}
710 \eqcommand{      }\{newtheorem\}
711 \eqcommand{      }\{newtoks\}
712 \eqcommand{      }\{newwrite\}
713 \eqcommand{      }\{noalign\}
714 \eqcommand{ }\{nobreak\}
715 \eqcommand{      }\{nobreakspace\}
716 \eqcommand{      }\{nocite\}
717 \eqcommand{      }\{noexpand\}
718 \eqcommand{      }\{nofiles\}
719 \eqcommand{      }\{noindent\}
720 \eqcommand{      }\{nointerlineskip\}

```



```

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

```



```

771 \eqcommand{ }{pagecolor}
772 \eqcommand{ }{pagedepth}
773 \eqcommand{ }{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{ }{predisdisplaypenalty}
810 \eqcommand{ }{predisplaysize}
811 \eqcommand{ }{pretolerance}
812 \eqcommand{ }{prevdepth}
813 \eqcommand{ }{prevgraf}
814 \eqcommand{ }{printindex}
815 \eqcommand{ }{ProcessOptions}
816 \eqcommand{ }{protect}
817 \eqcommand{ }{providecommand}
818 \eqcommand{ }{ProvidesClass}
819 \eqcommand{ }{ProvidesFile}
820 \eqcommand{ }{ProvidesPackage}

```



```

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

```



```

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

```



```

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

```



21 File enumerate-xepersian.def

22 File enumitem-xepersian.def

File enumitem-xepersian.def 27



```

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 }
```



```

1337 }
1338 \renewcommand*{\Frefseenname}{%
1339   \if@RTL
1340 %
1341   \else
1342     See%
1343   \fi
1344 }
1345 \renewcommand*{\Freftablename}{\tablename}
1346 \renewcommand*{\Freffigshortname}{%
1347   \if@RTL
1348     \Freffigname
1349   \else
1350     Fig.%
1351   \fi
1352 }
1353 \renewcommand*{\Frefpgshortname}{%
1354   \if@RTL
1355     \Frefpgname
1356   \else
1357     P.%
1358   \fi
1359 }
1360 \renewcommand*{\Freftabshortname}{%
1361   \if@RTL
1362     \tablename
1363   \else
1364     Tab.%
1365   \fi
1366 }
1367 \renewcommand*{\frefchapname}{%
1368   \if@RTL
1369     \Frefchapname
1370   \else
1371     \MakeLowercase{\Frefchapname}%
1372   \fi
1373 }
1374 \renewcommand*{\frefenumname}{%
1375   \if@RTL
1376     \Frefenumname
1377   \else
1378     \MakeLowercase{\Frefenumname}%
1379   \fi
1380 }
1381 \renewcommand*{\frefeqname}{%
1382   \if@RTL
1383     \Frefeqname
1384   \else
1385     \MakeLowercase{\Frefeqname}%
1386   \fi

```




```

1387 }
1388 \renewcommand*{\freffigname}{%
1389   \if@RTL
1390     \Freffigname
1391   \else
1392     \MakeLowercase{\Freffigname}%
1393   \fi
1394 }
1395 \renewcommand*{\frefnname}{%
1396   \if@RTL
1397     \Frefnname
1398   \else
1399     \MakeLowercase{\Frefnname}%
1400   \fi
1401 }
1402 \renewcommand*{\frefonname}{%
1403   \if@RTL
1404     \Frefonname
1405   \else
1406     \MakeLowercase{\Frefonname}%
1407   \fi
1408 }
1409 \renewcommand*{\frefpgname}{%
1410   \if@RTL
1411     \Frefpgname
1412   \else
1413     \MakeLowercase{\Frefpgname}%
1414   \fi
1415 }
1416 \renewcommand*{\frefsecname}{%
1417   \if@RTL
1418     \Frefsecname
1419   \else
1420     \MakeLowercase{\Frefsecname}%
1421   \fi
1422 }
1423 \renewcommand*{\frefseename}{%
1424   \if@RTL
1425     \Frefseename
1426   \else
1427     \MakeLowercase{\Frefseename}%
1428   \fi
1429 }
1430 \renewcommand*{\frefstabname}{%
1431   \if@RTL
1432     \Frefstabname
1433   \else
1434     \MakeLowercase{\Frefstabname}%
1435   \fi
1436 }

```



```

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

```

30 File fontspec-xepersian.def

```

1458 \ProvidesFile{fontspec-xepersian.def}[2018/11/26 v0.2 fontspec changes]
1459 \ExplSyntaxOn
1460 \cs_new:Npn \__xepersian_error:nx { \msg_error:nnx {xepersian} }
1461 \char_set_catcode_space:n {32}
1462 \cs_new:Nn \__xepersian_msg_new:nnnn
1463 { \msg_new:nnxx {#1} {#2} { \tl_trim_spaces:n {#3} } { \tl_trim_spaces:n {#4} } }
1464 \__xepersian_msg_new:nnnn {xepersian} {font-cannot-be-loaded}
1465 {
1466   The font "#1" cannot be loaded by the xepersian package.
1467 }
1468 {
1469   Select another font and rerun "xelatex".
1470 }
1471 \char_set_catcode_ignore:n {32}
1472 \prg_new_conditional:Nnn \__xepersian_font_if_cannot_be_loaded:Nn {p,TF,T,F}
1473 {
1474   \str_if_in:NnTF { #1 } { #2 }
1475   {
1476     \prg_return_true:
1477   }
1478   {
1479     \prg_return_false:
1480   }
1481 }
1482 \cs_undefine:N \__fontspec_load_font:
1483 \cs_new:Nn \__fontspec_load_font:

```



```

1484 {
1485   \__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 imsproc 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{\KashidaXB@FixOn}{\@Kashida@XB@fixtrue}
1647 \newcommand{\KashidaXB@FixOff}{\@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{ExternalLocation}{ }
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 \@fpsadddefault
1831 \else
1832 \ifx \@fps \empty
1833 \@fpsadddefault
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@\@captype \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 \if@RTL\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\top
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 \if@RTL\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 @z\ \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}%
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
2032 \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\top \adl@startpbox{\@nextchar}\insert@column \adl@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}
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 \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\@float@#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\@capytype{#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@activetrue
2294 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2295 \@safe@activesfalse
2296 \@ifundefined{bv@\@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@cotype>\@ne}{%
2310     \citea
2311     \NAT@hyper@{\@ifnum{\NAT@cotype=\tw@}{\NAT@test{\NAT@cotype}}{\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@mbox}%
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@mbox
2332         }%
2333       }%
2334     }{%
2335       \@tempswatrue
2336       \@ifnum{\NAT@merge>\@ne}{\@ifnum{\NAT@last@num=\NAT@num\relax}{\@tempswafalse}}{}%
2337       \if@tempswa\NAT@citea@mbox\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@swatrue
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\        {\begingroup\@verbatim \frenchspacing\@vobeyspaces
2467             \xepersian@localize@verbatim@start}
2468 \@namedef{      *}{\begingroup\@verbatim\xepersian@localize@verbatim@start}
2469 \def\end      {\endtrivlist\endgroup\@doendpe}
2470 \expandafter\let\csname end      *\endcsname =\end
2471 }-{}
2472 \ExplSyntaxOn
2473 \AtBeginDocument{
2474     \xepersian_localize_patch_verbatim:
2475 }
2476 \cs_set:Npn \xepersian_localize_patch_verbatim: {
2477     \@ifpackageloaded{verbatim}{
2478         \cs_set:cpn {*      } }
2479     \group_begin: \@verbatim \fontspec_print_visible_spaces: \xepersian@localize@verbatim@st
2480     }
2481 }{
2482 }
2483 }
2484 \ExplSyntaxOff
2485 \@ifpackageloaded{graphicx}{%
2486 \def\Gin@boolkey#1#2{%
2487 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2488 \expandafter\let\csname Gin@#2 \expandafter\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 persiandigits.map

```

2527 LHSName "Digits"
2528 RHSName "PersianDigits"
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 scrartcl-xepersian.def

```
2595 \ProvidesFile{scrartcl-xepersian.def}[2010/07/25 v0.2 adaptations for scrartcl 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}[2015/10/16 v0.1 adaptations for soul package]
2689 \let\SOUL@tt\relax
2690 \newfontface{\SOUL@tt}{Times New Roman}

```

55 File tikz.code-xepersian.def

```

2691 \ProvidesFile{tikz.code-xepersian.def}[2018/12/11 v0.1 adaptations for tikz.code.tex file]
2692 \bidi@patchcmd\tikz@finish{%
2693 \beginpgroup
2694 \tikz@options
2695 }{%
2696 \beginpgroup
2697 \@@textdigitfont@onfalse
2698 \tikz@options
2699 }{}{}

```

56 File tkz-linknodes-xepersian.def

```

2700 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes packa
2701 \renewcommand*{\@SetTab}{%
2702 \let\@alph\@latinalph%
2703 \ifnum \value{C@NumTab}>25\relax%
2704 \setcounter{C@NumTab}{1}%
2705 \else%

```



```

2706 \stepcounter{C@NumTab}%
2707 \fi%
2708 \setcounter{C@NumGroup}{0}%
2709 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2710 \setboolean{B@FirstLink}{true}
2711 \setboolean{B@NewGroup}{false}
2712 \setcounter{C@NumGroup}{0}
2713 \setcounter{C@CurrentGroup}{0}
2714 \setcounter{NumC@Node}{0}
2715 \setcounter{NumC@Stop}{0}
2716 \setcounter{C@NextNode}{0}
2717 \setcounter{C@CurrentStop}{0}
2718 \setcounter{C@CurrentNode}{0}
2719 }%

```

57 File tocloft-xepersian.def

```

2720 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2721 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2722 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2723 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}
2724 \renewcommand*{\cftsubsubsecname}{\if@RTL else\ subsubsection\fi}
2725 \renewcommand*{\cftparaname}{\if@RTL else\ paragraph\fi}
2726 \renewcommand*{\cftsubparaname}{\if@RTL else\ subparagraph\fi}
2727 \renewcommand*{\cftfigname}{\if@RTL else\ figure\fi}
2728 \renewcommand*{\cftsubfigname}{\if@RTL else\ subfigure\fi}
2729 \renewcommand*{\cfttabname}{\if@RTL else\ table\fi}
2730 \renewcommand*{\cftsubtabname}{\if@RTL else\ subtable\fi}

```

58 File varioref-xepersian.def

```

2731 \ProvidesFile{varioref-xepersian.def}[2018/09/29 v0.1 bilingual captions for varioref package]
2732 \def\reftextfaceafter{%
2733 \if@RTL
2734
2735 \reftextvario{ }{ }%
2736 \else
2737 on the \reftextvario{facing}{next} page%
2738 \fi
2739 }
2740 \def\reftextfacebefore{%
2741 \if@RTL
2742
2743 \reftextvario{ }{ }%
2744 \else
2745 on the \reftextvario{facing}{preceding} page%
2746 \fi
2747 }
2748 \def\reftextafter{%
2749 \if@RTL

```



```

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

```

59 File xepersian.sty

```

2795 \NeedsTeXFormat{LaTeX2e}
2796 \def\xepersian@version{22.2}

```



```

2797 \def\xepersiandate{2018/12/11}
2798 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2799 Persian typesetting in XeLaTeX]
2800 \RequirePackage{fontspec}
2801 \RequirePackage{xepersian-persiancal}
2802 \RequirePackage{xepersian-mathsdigitspec}
2803 \RequirePackage{bidi}
2804 \edef\xepersian@info{*****~J%
2805 * ~J%
2806 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2807 * ~J%
2808 * Description: The package supports Persian~J%
2809 * typesetting, using fonts provided in the~J%
2810 * distribution.~J%
2811 * ~J%
2812 * Copyright (c) 2008--2018 Vafa Khalighi~J%
2813 * ~J%
2814 * v\xepersian@version, \xepersiandate~J%
2815 * ~J%
2816 * License: LaTeX Project Public License, version~J%
2817 * 1.3c or higher (your choice)~J%
2818 * ~J%
2819 * Location on CTAN: /macros/xetex/latex/xepersian~J%
2820 * ~J%
2821 * Issue tracker: https://github.com/bidirtex/xepersian/issues~J%
2822 * ~J%
2823 *****}
2824 \typeout{\xepersian@info}
2825 \edef\xepersian@everyjob{\the\everyjob}
2826 \everyjob{\xepersian@everyjob\typeout{\xepersian@info}}
2827 \newcommand*\xepersianversion{
2828   {\ensuremath\xepersian@version}
2829 \newcommand*\IfxepersianPackageVersionLater}[1]{%
2830   \ifdim\xepersian@version pt > #1 pt %
2831     \expandafter\@firstoftwo
2832   \else
2833     \expandafter\@secondoftwo
2834   \fi}
2835 \newcommand*\IfxepersianPackageVersionBefore}[1]{%
2836   \ifdim\xepersian@version pt < #1 pt %
2837     \expandafter\@firstoftwo
2838   \else
2839     \expandafter\@secondoftwo
2840   \fi}
2841 \newcommand*\IfxepersianPackageVersion}[1]{%
2842   \ifdim\xepersian@version pt = #1 pt %
2843     \expandafter\@firstoftwo
2844   \else
2845     \expandafter\@secondoftwo
2846   \fi}

```



```

2847 \def\prq{«}
2848 \def\plq{»}
2849 \def\xepersian@cmds@temp#1{%
2850   \begingroup\expandafter\expandafter\expandafter\endgroup
2851   \expandafter\ifx\csname xepersian@#1\endcsname\relax
2852     \begingroup
2853       \escapechar=-1 %
2854       \edef\x{\expandafter\meaning\csname#1\endcsname}%
2855       \def\y{#1}%
2856       \def\z##1->{ }%
2857       \edef\y{\expandafter\z\meaning\y}%
2858     \expandafter\endgroup
2859     \ifx\x\y
2860       \expandafter\def\csname xepersian@#1\expandafter\endcsname
2861       \expandafter{%
2862         \csname#1\endcsname
2863       }%
2864     \fi
2865   \fi
2866 }%
2867 \xepersian@cmds@temp{shellescape}
2868 \newif\ifwritexviii
2869 \ifnum\xepersian@shellescape=1\relax
2870   \writexviii>true
2871 \else
2872   \writexviii>false
2873 \fi
2874 \newfontscript{Persian}{arab}
2875 \newfontlanguage{Persian}{FAR}
2876 \ExplSyntaxOn
2877
2878 \DeclareDocumentCommand \settextfont { 0{} m 0{} }
2879 {
2880   \__xepersian_main_settextfont:nn {#1,#3} {#2}
2881   \ignorespaces
2882 }
2883 \cs_new:Nn \__xepersian_main_settextfont:nn
2884 {
2885   \fontspec_set_family:Nnn \l__xepersian_persianfont_family_tl {Script=Persian,Mapping=persian}
2886   \tl_set_eq:NN \rmdefault \l__xepersian_persianfont_family_tl
2887   \use:x { \exp_not:n { \DeclareRobustCommand \persianfont }
2888     {
2889       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2890       \exp_not:N \fontfamily { \l__xepersian_persianfont_family_tl }
2891       \exp_not:N \selectfont
2892     }
2893   }
2894   \str_if_eq:x:nnT {\familydefault} {\rmdefault}
2895   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2896   \__xepersian_settextfont_hook:nn {#1} {#2}

```




```

2897 \normalfont
2898 }
2899
2900 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2901
2902 \DeclareDocumentCommand \settextdigitfont { 0{ } m 0{ } }
2903 {
2904   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2905   \ignorespaces
2906 }
2907 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2908 {
2909   \fontspec_set_family:Nnn \l__xepersian_textdigitfont_family_tl {Script=Persian,Mapping=persian}
2910   \use:x
2911   {
2912     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2913     {
2914       \exp_not:N \fontfamily { \l__xepersian_textdigitfont_family_tl }
2915       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2916       \exp_not:N \selectfont
2917     }
2918   }
2919   \__xepersian_settextdigitfont_hook:nn {#1} {#2}
2920   \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2921   \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@switch@textdigitfont}
2922   \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2923   \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2924   \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@switch@textdigitfont}
2925   \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInterCharClass}
2926   \if@bidi@csundef{xepersian@D}{%
2927     \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2928     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textdigitfont}
2929     \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2930     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textdigitfont}
2931     \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2932     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textdigitfont}
2933     \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2934     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textdigitfont}
2935     \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2936     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textdigitfont}
2937   }
2938 }
2939
2940 \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\else\if@nonlatin\fi\fi}
2941 \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\else\if@nonlatin\fi\fi}
2942
2943 \cs_set_eq:NN \__xepersian_settextdigitfont_hook:nn \use_none:nn
2944
2945 \DeclareDocumentCommand \setdigitfont { 0{ } m 0{ } }
2946 {

```



```

2947 \_xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2948 \_xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2949 \ignorespaces
2950 }
2951
2952
2953 \DeclareDocumentCommand \setlatintextfont { 0{ } m 0{ } }
2954 {
2955 \_xepersian_main_setlatintextfont:nn {#1,#3} {#2}
2956 \ignorespaces
2957 }
2958 \cs_new:Nn \_xepersian_main_setlatintextfont:nn
2959 {
2960 \fontspec_set_family:Nnn \l__xepersian_latinfont_family_tl {Mapping=Tex-Text,#1} {#2}
2961 \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
2962 {
2963 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2964 \exp_not:N \fontfamily { \l__xepersian_latinfont_family_tl }
2965 \exp_not:N \selectfont
2966 }
2967 }
2968 \str_if_eq:x:nnT {\familydefault} {\rmdefault}
2969 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2970 \_xepersian_setlatintextfont_hook:nn {#1} {#2}
2971 \normalfont
2972 }
2973
2974 \cs_set_eq:NN \_xepersian_setlatintextfont_hook:nn \use_none:nn
2975
2976 \tl_set_eq:NN \setlatinsansfont \setsansfont
2977 \tl_set_eq:NN \setlatinmonofont \setmonofont
2978
2979 \DeclareDocumentCommand \defpersianfont { m 0{ } m 0{ } }
2980 {
2981 \_xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2982 \NewDocumentCommand
2983 }
2984 \DeclareDocumentCommand \redefpersianfont { m 0{ } m 0{ } }
2985 {
2986 \_xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2987 \RenewDocumentCommand
2988 }
2989 \cs_new:Nn \_xepersian_main_defpersianfont:nnnN
2990 {
2991 \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Persian,Mapping=Persian}
2992 \use:x
2993 {
2994 \exp_not:N #4 \exp_not:N #1 { }
2995 {
2996 \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }

```



```

2997     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2998     \exp_not:N \selectfont
2999   }
3000 }
3001 }
3002
3003 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
3004 {
3005   \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
3006   \NewDocumentCommand
3007 }
3008 \DeclareDocumentCommand \redeflatinfont { m O{} m O{} }
3009 {
3010   \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
3011   \RenewDocumentCommand
3012 }
3013 \cs_new:Nn \__xepersian_main_deflatinfont:nnnN
3014 {
3015   \fontspec_set_family:cn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Mapping=tex-text,#2}
3016   \use:x
3017   {
3018     \exp_not:N #4 \exp_not:N #1 {}
3019     {
3020       \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
3021       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3022       \exp_not:N \selectfont
3023     }
3024   }
3025 }
3026
3027 \newcommand\persiansfdefault{}
3028 \newcommand\persianttdefault{}
3029 \newcommand\iranicsfdefault{}
3030 \newcommand\navarsfdefault{}
3031 \newcommand\pooksfdefault{}
3032 \newcommand\sayehsfdefault{}
3033 \DeclareRobustCommand\persiansffamily
3034     {\not@math@alphabet\persiansffamily\mathpersiansf
3035     \fontfamily\persiansfdefault\selectfont}
3036 \DeclareRobustCommand\persianttfamily
3037     {\not@math@alphabet\persianttfamily\mathpersiantt
3038     \fontfamily\persianttdefault\selectfont}
3039 \DeclareRobustCommand\iranicsfamily
3040     {\not@math@alphabet\iranicsfamily\mathiranics
3041     \fontfamily\iranicsfdefault\selectfont}
3042 \DeclareRobustCommand\navarsfamily
3043     {\not@math@alphabet\navarsfamily\mathnavar
3044     \fontfamily\navarsfdefault\selectfont}
3045 \DeclareRobustCommand\pooksfamily
3046     {\not@math@alphabet\pooksfamily\mathpook

```



```

3047         \fontfamily\pookdefault\selectfont}
3048 \DeclareRobustCommand\sayehfamily
3049     {\not@math@alphabet\sayehfamily\mathsayeh
3050         \fontfamily\sayehdefault\selectfont}
3051 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
3052 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
3053 \DeclareTextFontCommand{\textiranica}{\iranicafamily}
3054 \DeclareTextFontCommand{\textnavar}{\navarfamil}
3055 \DeclareTextFontCommand{\textpook}{\pookfamily}
3056 \DeclareTextFontCommand{\textsayeh}{\sayehfamily}
3057
3058 \DeclareDocumentCommand \setpersiansansfont { 0{ } m 0{ } }
3059 {
3060     \_xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
3061     \ignorespaces
3062 }
3063 \cs_new:Nn \_xepersian_main_setpersiansansfont:nn
3064 {
3065     \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Persian,Mapping=per
3066     \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl
3067     \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
3068     {
3069         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3070         \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
3071         \exp_not:N \selectfont
3072     }
3073 }
3074 \str_if_eq:x:nnT {\familydefault} {\persiansfdefault}
3075 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3076 \_xepersian_setpersiansansfont_hook:nn {#1} {#2}
3077 \normalfont
3078 }
3079
3080 \cs_set_eq:NN \_xepersian_setpersiansansfont_hook:nn \use_none:nn
3081
3082 \DeclareDocumentCommand \setpersianmonofont { 0{ } m 0{ } }
3083 {
3084     \_xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
3085     \ignorespaces
3086 }
3087 \cs_new:Nn \_xepersian_main_setpersianmonofont:nn
3088 {
3089     \fontspec_set_family:Nnn \l__xepersian_persianttfamily_family_tl {Script=Persian,Mapping=per
3090     \tl_set_eq:NN \persianttdefault \l__xepersian_persianttfamily_family_tl
3091     \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
3092     {
3093         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3094         \exp_not:N \fontfamily { \l__xepersian_persianttfamily_family_tl }
3095         \exp_not:N \selectfont
3096     }

```



```

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

```



```

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

```



```

3197 \normalfont
3198 }
3199
3200 \cs_set_eq:NN \__xepersian_setiranifont_hook:nn \use_none:nn
3201
3202 \ExplSyntaxOff
3203 \def\resetlatinfont{%
3204 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3205 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3206 \def\xepersian@@fontsize@scale{%
3207 \strip@pt\dimexpr 1pt * \dimexpr
3208 \xepersian@@latin@fontsize@scale pt\relax
3209 / \dimexpr \xepersian@@fontsize@scale pt\relax\relax
3210 }%
3211 \def\xepersian@@baselineskip@scale{%
3212 \strip@pt\dimexpr 1pt * \dimexpr
3213 \xepersian@@latin@baselineskip@scale pt\relax
3214 / \dimexpr \xepersian@@baselineskip@scale pt\relax\relax
3215 }%
3216 \@nonlatinfalse%
3217 \let\normalfont\latinfont%
3218 \let\reset@font\normalfont%
3219 \latinfont%
3220 \fontsize\font@size\font@baselineskip%
3221 \selectfont%
3222 \let\xepersian@@fontsize@scale\xepersian@@latin@fontsize@scale%
3223 \let\xepersian@@baselineskip@scale\xepersian@@latin@baselineskip@scale%
3224 }
3225 \def\setpersianfont{%
3226 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3227 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3228 \let\xepersian@@fontsize@scale\@ne%
3229 \let\xepersian@@baselineskip@scale\@ne%
3230 \@nonlatintrue%
3231 \let\normalfont\persianfont%
3232 \let\reset@font\normalfont%
3233 \persianfont%
3234 \fontsize\font@size\font@baselineskip%
3235 \selectfont%
3236 \let\xepersian@@fontsize@scale\@xepersian@@fontsize@scale%
3237 \let\xepersian@@baselineskip@scale\@xepersian@@baselineskip@scale%
3238 }
3239 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
3240 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
3241 \def\latin{\LTR\LatinAlphs\@RTL@footnotefalse\resetlatinfont}
3242 \def\endlatin{\endLTR}
3243 \def\persian{\RTL\PersianAlphs\@RTL@footnotetrue\setpersianfont}
3244 \def\endpersian{\endRTL}
3245 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end{latinitems}}
3246 \newenvironment{persianitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end{persianitems}}

```



```

3247 \let\originaltoday=\today
3248 \def\latintoday{\lr{\originaltoday}}
3249 \def\today{\rl{\persiantoday}}
3250 \def \@LTRmarginparreset {%
3251     \reset@font
3252     \resetlatinfont
3253     \normalsize
3254     \@minipagetrue
3255     \everypar{\@minipagefalse\everypar{}\beginL}%
3256 }
3257 \DeclareRobustCommand\Latincite{%
3258     \@ifnextchar [{\@tempswatrue\@Latincitex}{\@tempswafalse\@Latincitex[]}]
3259 \def\@Latincitex[#1]#2{\leavevmode
3260     \let\@citea\@empty
3261     \@cite{\lr{\@for\@citeb:=#2\do
3262         {\@citea\def\@citea{\penalty\@m\ }%
3263         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
3264         \if@filesw\immediate\write\@auxout{\string\citation{\@citeb}}\fi
3265         \@ifundefined{b@\@citeb}{\hbox{\reset@font\bfseries ?}%
3266         \G@refundefinedtrue
3267         \@latex@warning
3268         {Citation `'\@citeb' on page \thepage \space undefined}}%
3269         {\@cite@ofmt{\csname b@\@citeb\endcsname}}}\}\{#1}}
3270
3271 \renewcommand*{\bidi@font@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
3272
3273 \newif\if@xepersian@computeautoilg
3274 \newcount\xepersian@tcl
3275 \newdimen\xepersian@ilg
3276 \newdimen\xepersian@strutilg
3277 \chardef\f@ur=4
3278 \newcommand*\xepersian@computeautoilg{% compute the interline glue
3279     \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3280     \loop
3281     \iffontchar\font\xepersian@tcl
3282     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\z@
3283     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3284         \xepersian@ilg=\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3285     \fi
3286     \else
3287     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl<\z@
3288     \ifdim-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3289         \xepersian@ilg=-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3290     \fi
3291     \fi
3292     \fi
3293     \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\z@
3294     \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3295         \xepersian@strutilg=\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl
3296     \fi

```




```

3297 \else
3298 \ifdim\XeTeXglyphbounds\four \the\XeTeXcharglyph\xepersian@tcl<z@
3299 \ifdim-\XeTeXglyphbounds\four \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3300 \xepersian@strutilg=-\XeTeXglyphbounds\four \the\XeTeXcharglyph\xepersian@tcl
3301 \fi
3302 \fi
3303 \fi
3304 \fi
3305 \advance\xepersian@tcl\@ne
3306 \ifnum\xepersian@tcl<1792\repeat
3307 \advance\xepersian@strutilg\xepersian@ilg
3308 % \ifdim\xepersian@strutilg>\baselineskip
3309 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3310 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3311 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3312 % \selectfont
3313 % \fi
3314 }
3315
3316 \newif\if@textdigitfont@on
3317
3318 \newcommand{\TextDigitFontOn}{\@textdigitfont@ontrue}
3319 \newcommand{\TextDigitFontOff}{\@textdigitfont@onfalse}
3320
3321 \TextDigitFontOn
3322
3323 \newcommand*\xepersian@setlength[4]{%
3324 \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3325 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3326 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3327 \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3328 \else
3329 \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3330 \fi
3331 \else
3332 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3333 \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3334 \else
3335 \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3336 \fi
3337 \fi
3338 \else
3339 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3340 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3341 \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3342 \else
3343 \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3344 \fi
3345 \else
3346 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi

```



```

3347         \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3348     \else
3349         \setlength{#1}{#2 \@plus#3 \@minus#4}%
3350     \fi
3351 \fi
3352 \fi
3353 }
3354
3355 \newcommand*{\setfontsize}[2][1.2\@tempdima]{%
3356     \@defaultunits\@tempdima#2pt\relax\@nnil
3357     \setlength{\@tempdimc}{\@tempdima}%
3358     \addtolength{\@tempdimc}{-10\p@}%
3359     \edef\@ptsize{\strip@pt\@tempdimc}%
3360     \@defaultunits\@tempdimb#1pt\relax\@nnil
3361     \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3362     \edef\@tempb{\the\@tempdimc}%
3363     \setlength{\@tempdimc}{\@tempdima}%
3364     \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3365     \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3366     \xepersian@setlength{\abovedisplayskip}%
3367         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3368     \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3369     \xepersian@setlength{\belowdisplayshortskip}%
3370         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3371     \setlength{\belowdisplayskip}{\abovedisplayskip}%
3372     \edef\normalsize{%
3373         \noexpand\@setfontsize\noexpand\normalsize
3374         {\the\@tempdima}{\the\@tempdimb}%
3375         \abovedisplayskip \the\abovedisplayskip
3376         \abovedisplayshortskip \the\abovedisplayshortskip
3377         \belowdisplayskip \the\belowdisplayskip
3378         \belowdisplayshortskip \the\belowdisplayshortskip
3379     \let\noexpand\@listi\noexpand\@listI
3380 }%
3381     \setlength{\@tempdima}{0.9125\@tempdimc}%
3382     \setlength{\@tempdimb}{\@tempb\@tempdima}%
3383     \xepersian@setlength{\abovedisplayskip}%
3384         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3385     \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3386     \xepersian@setlength{\belowdisplayshortskip}%
3387         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3388     \setlength{\belowdisplayskip}{\abovedisplayskip}%
3389     \edef\small{%
3390         \noexpand\@setfontsize\noexpand\small
3391         {\the\@tempdima}{\the\@tempdimb}%
3392         \abovedisplayskip \the\abovedisplayskip
3393         \abovedisplayshortskip \the\abovedisplayshortskip
3394         \belowdisplayskip \the\belowdisplayskip
3395         \belowdisplayshortskip \the\belowdisplayshortskip
3396     \let\noexpand\@listi\noexpand\@listi@small

```



```

3397 }%
3398 \setlength{\@tempdima}{.83334\@tempdimc}%
3399 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3400 \xepersian@setlength{\abovedisplayskip}%
3401     {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3402 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3403 \xepersian@setlength{\belowdisplayshortskip}%
3404     {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3405 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3406 \edef\footnotesize{%
3407     \noexpand\@setfontsize\noexpand\footnotesize
3408     {\the\@tempdima}{\the\@tempdimb}%
3409     \abovedisplayskip \the\abovedisplayskip
3410     \abovedisplayshortskip \the\abovedisplayshortskip
3411     \belowdisplayskip \the\belowdisplayskip
3412     \belowdisplayshortskip \the\belowdisplayshortskip
3413     \let\noexpand\@listi\noexpand\@listi\footnotesize
3414 }%
3415 \setlength{\@tempdima}{.66667\@tempdimc}%
3416 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3417 \edef\scriptsize{%
3418     \noexpand\@setfontsize\noexpand\scriptsize
3419     {\the\@tempdima}{\the\@tempdimb}%
3420 }%
3421 \setlength{\@tempdima}{.5\@tempdimc}%
3422 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3423 \edef\tiny{%
3424     \noexpand\@setfontsize\noexpand\tiny
3425     {\the\@tempdima}{\the\@tempdimb}%
3426 }%
3427 \setlength{\@tempdima}{1.2\@tempdimc}%
3428 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3429 \edef\large{%
3430     \noexpand\@setfontsize\noexpand\large
3431     {\the\@tempdima}{\the\@tempdimb}%
3432 }%
3433 \setlength{\@tempdima}{1.44\@tempdimc}%
3434 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3435 \edef\Large{%
3436     \noexpand\@setfontsize\noexpand\Large
3437     {\the\@tempdima}{\the\@tempdimb}%
3438 }%
3439 \setlength{\@tempdima}{1.728\@tempdimc}%
3440 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3441 \edef\LARGE{%
3442     \noexpand\@setfontsize\noexpand\LARGE
3443     {\the\@tempdima}{\the\@tempdimb}%
3444 }%
3445 \setlength{\@tempdima}{2.074\@tempdimc}%
3446 \setlength{\@tempdimb}{\@tempb\@tempdima}%

```



```

3447 \edef\huge{%
3448   \noexpand\setfontsize\noexpand\huge
3449   {\the\@tempdima}{\the\@tempdimb}%
3450 }%
3451 \setlength{\@tempdima}{2.488\@tempdimc}%
3452 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3453 \edef\Huge{%
3454   \noexpand\setfontsize\noexpand\Huge
3455   {\the\@tempdima}{\the\@tempdimb}%
3456 }%
3457 \normalsize
3458 \setlength{\@tempdimb}{\f@baselineskip}%
3459 \xepersian@setlength{\parsep}%
3460   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3461 \xepersian@setlength{\topsep}%
3462   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3463 \@tempswafalse
3464 \begingroup
3465   \def\@list@extra{\aftergroup\@tempwattrue}%
3466   \csname @listi\endcsname
3467 \endgroup
3468 \edef\@listi{\leftmargin\leftmargini
3469   \topsep \the\topsep
3470   \parsep \the\parsep
3471   \itemsep \parsep
3472   \if@tempswa\noexpand\@list@extra\fi
3473 }%
3474 \let\@listI\@listi
3475 \xepersian@setlength{\parsep}%
3476   {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3477 \xepersian@setlength{\topsep}%
3478   {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3479 \@tempswafalse
3480 \begingroup
3481   \def\@list@extra{\aftergroup\@tempwattrue}%
3482   \csname @listi\endcsname
3483 \endgroup
3484 \edef\@listi@small{\leftmargin\leftmargini
3485   \topsep \the\topsep
3486   \parsep \the\parsep
3487   \itemsep \parsep
3488   \if@tempswa\noexpand\@list@extra\fi
3489 }%
3490 \xepersian@setlength{\parsep}%
3491   {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3492 \xepersian@setlength{\topsep}%
3493   {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}%
3494 \@tempswafalse
3495 \begingroup
3496   \def\@list@extra{\aftergroup\@tempwattrue}%

```



```

3497 \csname @listi\endcsname
3498 \endgroup
3499 \edef\@listi@footnotesize{\leftmargin\leftmarginii
3500 \topsep \the\topsep
3501 \parsep \the\parsep
3502 \itemsep \parsep
3503 \if@tempswa\noexpand\@list@extra\fi
3504 }%
3505 \xepersian@setlength{\parsep}%
3506 {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3507 \xepersian@setlength{\topsep}%
3508 {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3509 \@tempswafalse
3510 \begingroup
3511 \def\@list@extra{\aftergroup\@tempwattrue}%
3512 \csname @listii\endcsname
3513 \endgroup
3514 \edef\@listii{\leftmargin\leftmarginii
3515 \labelwidth=\dimexpr \leftmargin-\labelsep
3516 \topsep \the\topsep
3517 \parsep \the\parsep
3518 \itemsep \parsep
3519 \if@tempswa\noexpand\@list@extra\fi
3520 }%
3521 \xepersian@setlength{\topsep}%
3522 {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3523 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3524 \@tempswafalse
3525 \begingroup
3526 \def\@list@extra{\aftergroup\@tempwattrue}%
3527 \csname @listiii\endcsname
3528 \endgroup
3529 \edef\@listiii{\leftmargin\leftmarginiii
3530 \labelwidth=\dimexpr \leftmargin-\labelsep
3531 \topsep \the\topsep
3532 \parsep \z@
3533 \partopsep \the\partopsep
3534 \itemsep \topsep
3535 \if@tempswa\noexpand\@list@extra\fi
3536 }%
3537 \@tempswafalse
3538 \begingroup
3539 \def\@list@extra{\aftergroup\@tempwattrue}%
3540 \csname @listiv\endcsname
3541 \endgroup
3542 \edef\@listiv{\leftmargin\leftmarginiv
3543 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3544 \if@tempswa\noexpand\@list@extra\fi
3545 }%
3546 \@tempswafalse

```



```

3547 \begingroup
3548 \def\@list@extra{\aftergroup\@tempwatrue}%
3549 \csname @listv\endcsname
3550 \endgroup
3551 \edef\@listv{\leftmargin\leftmarginv
3552 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3553 \if@tempswa\noexpand\@list@extra\fi
3554 }%
3555 \@tempwafalse
3556 \begingroup
3557 \def\@list@extra{\aftergroup\@tempwatrue}%
3558 \csname @listvi\endcsname
3559 \endgroup
3560 \edef\@listvi{\leftmargin\leftmarginvi
3561 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3562 \if@tempswa\noexpand\@list@extra\fi
3563 }%
3564 \@listi
3565 \setlength{\@tempdimb}{\f@baselineskip}%
3566 \setlength{\footnotesep}{.555\@tempdimb}%
3567 \xepersian@setlength{\skip\footins}%
3568 \{.75\@tempdimb\}{.3333\@tempdimb}{.1667\@tempdimb}%
3569 \xepersian@setlength{\floatsep}%
3570 \{\@tempdimb\}{.1667\@tempdimb}{.1667\@tempdimb}%
3571 \xepersian@setlength{\textfloatsep}%
3572 \{1.6667\@tempdimb\}{.1667\@tempdimb}{.3333\@tempdimb}%
3573 \setlength{\intextsep}{\floatsep}%
3574 \setlength{\dblfloatsep}{\floatsep}%
3575 \setlength{\dbltextfloatsep}{\textfloatsep}%
3576 \setlength{\@fptop}{\z@ \@plus 1fil}%
3577 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3578 \setlength{\@fpbot}{\@fptop}%
3579 \setlength{\@dblftop}{\@fptop}%
3580 \setlength{\@dblpsep}{\@fpsep}%
3581 \setlength{\@dblpbot}{\@fpbot}%
3582 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3583 }
3584
3585 \renewcommand*{\@bidi@logo@}{%
3586 \bidi@logo@hb@xt@columnwidth
3587 {\hss\bfseries
3588
3589 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}}
3590
3591 \renewcommand*{\@bidi@pdfcreator}{%
3592 The xepersian package, v\xepersian@version, \xepersiandate
3593 }
3594
3595 \newcommand*{\@xepersian@pdfcustomproperties}{%
3596 This is the xepersian package, Version \xepersian@version,

```



```

3597 Released December 11, 2018.
3598 }
3599
3600 \newcommand\twocolumnstableofcontents{%
3601 \if@bidi@csundef{multi@column@out}{%
3602 \PackageError{xepersian}{Oops! you should load multicol package before xepersian package for b
3603 \begin{multicols}{2}[\section*{\contentsname}]{%
3604 \small
3605 \@starttoc{toc}%
3606 \end{multicols}}}%
3607 \bidi@newrobustcmd*{\XePersian}{\leavevmode$\smash{\hbox{X\lower.5ex
3608 \hbox{\kern-.125em\bidi@reflect@box{E}}Persian}}}$}
3609 \def\figurename{\if@RTL else\ Figure\fi}
3610 \def\tablename{\if@RTL else\ Table\fi}
3611 \def\contentsname{\if@RTL else\ Contents\fi}
3612 \def\listfigurename{\if@RTL else\ List of Figures\fi}
3613 \def\listtablename{\if@RTL else\ List of Tables\fi}
3614 \def\appendixname{\if@RTL else\ Appendix\fi}
3615 \def\indexname{\if@RTL else\ Index\fi}
3616 \def\refname{\if@RTL else\ References\fi}
3617 \def\abstractname{\if@RTL else\ Abstract\fi}
3618 \def\partname{\if@RTL else\ Part\fi}
3619 \def\datename{\if@RTL else\ Date:\fi}
3620 \def\@and{\if@RTL else\ and\fi}
3621 \def\bibname{\if@RTL else\ Bibliography\fi}
3622 \def\chaptername{\if@RTL else\ Chapter\fi}
3623 \def\ccname{\if@RTL else\ cc\fi}
3624 \def\enclname{\if@RTL else\ encl\fi}
3625 \def\pagename{\if@RTL else\ Page\fi}
3626 \def\headtoname{\if@RTL else\ To\fi}
3627 \def\proofname{\if@RTL else\ Proof\fi}
3628 \def\@Abjad#1{%
3629 \ifcase#1\or or\ or\ or\ %
3630 \or or\ or\ or\ or\ %
3631 \or or\ or\ or\ or\ %
3632 \or or\ or\ or\ %
3633 \or or\ or\ or\ or\ %
3634 \or or\ or\ or\ or\ %
3635 \else\@ctrerr\fi}
3636 \def\Abjad#1{\expandafter\@Abjad\csname c@#1\endcsname}
3637 \let\Abjadnumeral\@Abjad
3638 \def\@harfi#1{\ifcase#1\or or\ or\ or\ or\ or\
3639 or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\
3640 or\ or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerr\fi}
3641 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3642 \let\harfinumeral\@harfi
3643 \newcommand{\adadi}[1]{%
3644 \expandafter\@adadi\csname c@#1\endcsname%
3645 }
3646 \newcommand{\@adadi}[1]{%

```



```

3647 \xepersian@numberstring{#1}\xepersian@yekanii{ }{}%
3648 }
3649 \let\adadinumeral\@adadi%
3650 \def\xepersian@numberoutofrange#1#2{%
3651 \PackageError{xepersian}{The number `#1' is too large %
3652 to be formatted using xepersian}{The largest possible %
3653 number is 999,999,999.}%
3654 }
3655 \def\xepersian@numberstring#1#2#3#4{%
3656 \ifnum\number#1<\@ne%
3657 #3%
3658 \else\ifnum\number#1<1000000000 %
3659 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3660 \else%
3661 \xepersian@numberoutofrange{#1}{#4}%
3662 \fi\fi%
3663 }
3664 \def\xepersian@adadi#1#2{%
3665 \expandafter\xepersian@@adadi%
3666 \ifcase%
3667 \ifnum#1<10 1%
3668 \else\ifnum#1<100 2%
3669 \else\ifnum#1<\@m 3%
3670 \else\ifnum#1<\@M 4%
3671 \else\ifnum#1<100000 5%
3672 \else\ifnum#1<1000000 6%
3673 \else\ifnum#1<10000000 7%
3674 \else\ifnum#1<100000000 8%
3675 \else9%
3676 \fi\fi\fi\fi\fi\fi\fi\fi %
3677 \or00000000#1% case 1: Add 8 leading zeros
3678 \or0000000#1% case 2: Add 7 leading zeros
3679 \or000000#1% case 3: Add 6 leading zeros
3680 \or00000#1% case 4: Add 5 leading zeros
3681 \or0000#1% case 5: Add 4 leading zeros
3682 \or000#1% case 6: Add 3 leading zeros
3683 \or00#1% case 7: Add 2 leading zeros
3684 \or0#1% case 8: Add 1 leading zero
3685 \or#1% case 9: Add no leading zeros
3686 \or%
3687 \@nil#2%
3688 \fi%
3689 }
3690 \def\xepersian@@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3691 \ifnum#1#2#3>\z@
3692 \xepersian@milyoongan#1#2#3%
3693 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3694 \fi%
3695 \ifnum#4#5#6>\z@%
3696 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%

```




```

3697 \ifnum#4#5#6>\@ne\fi%
3698 %
3699 \ifnum#7>\z@\ \fi%
3700 \fi%
3701 \xepersian@sadgan#7{#4#5#6}1#9%
3702 }
3703 \def\xepersian@milyoongan#1#2#3{%
3704 \ifnum#1#2#3=\@ne%
3705 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3706 %
3707 %
3708 \else%
3709 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3710 %
3711 %
3712 \fi%
3713 }
3714 \def\xepersian@sadgan#1#2#3#4#5#6{%
3715 \ifnum#1>\z@%
3716 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3717 %
3718 \ifnum#2#3>\z@\ \fi%
3719 \fi%
3720 \ifnum#2#3<20%
3721 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3722 \else%
3723 \xepersian@dahgan#2%
3724 \ifnum#3>\z@\ \xepersian@yekani#3\fi%
3725 #60%
3726 \fi%
3727 }
3728 \def\xepersian@yekani#1{%
3729 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3730 \or or\ or\ or\ or\ or\ or\ %
3731 \or or\ or\ or\ %
3732 \or or\ %fi\
3733 }
3734 \def\xepersian@yekanii#1{%
3735 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3736 }
3737 \def\xepersian@yekanii#1{%
3738 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3739 }
3740 \def\xepersian@yekaniv#1{%
3741 \ifcase#1\@empty\or or\ or\ or\ or\ %
3742 \or or\ or\ %fi\
3743 }
3744 \def\xepersian@dahgan#1{%
3745 \ifcase#1\or or\ or\ %
3746 \or or\ or\ or\ %

```



```

3747 \or %fi\
3748 }
3749 \newcommand{\tartibi}[1]{%
3750 \expandafter\@tartibi\csname c@#1\endcsname%
3751 }
3752 \newcommand{\@tartibi}[1]{%
3753 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{ }%
3754 }
3755 \let\tartibinumeral\@tartibi%
3756 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3757 \ifnum\number#1<\@ne%
3758 #3%
3759 \else\ifnum\number#1<1000000000 %
3760 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3761 \else%
3762 \xepersian@numberoutofrange{#1}{#4}%
3763 \fi\fi%
3764 }
3765 \def\xepersian@adadi@tartibi#1#2{%
3766 \expandafter\xepersian@@adadi@tartibi%
3767 \ifcase%
3768 \ifnum#1<10 1%
3769 \else\ifnum#1<100 2%
3770 \else\ifnum#1<\@m 3%
3771 \else\ifnum#1<\@M 4%
3772 \else\ifnum#1<100000 5%
3773 \else\ifnum#1<1000000 6%
3774 \else\ifnum#1<10000000 7%
3775 \else\ifnum#1<100000000 8%
3776 \else9%
3777 \fi\fi\fi\fi\fi\fi\fi\fi\fi %
3778 \or00000000#1% case 1: Add 8 leading zeros
3779 \or0000000#1% case 2: Add 7 leading zeros
3780 \or000000#1% case 3: Add 6 leading zeros
3781 \or00000#1% case 4: Add 5 leading zeros
3782 \or0000#1% case 5: Add 4 leading zeros
3783 \or000#1% case 6: Add 3 leading zeros
3784 \or00#1% case 7: Add 2 leading zeros
3785 \or0#1% case 8: Add 1 leading zero
3786 \or#1% case 9: Add no leading zeros
3787 \or%
3788 \@nil#2%
3789 \fi%
3790 }
3791 \def\xepersian@@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3792 \ifnum#1#2#3>\z@
3793 \xepersian@milyoongan@tartibi#1#2#3%
3794 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3795 \fi%
3796 \ifnum#4#5#6>\z@%

```



```

3797 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3798 \ifnum#4#5#6>\@ne \fi%
3799 %
3800 \ifnum#7>\z@\ \fi%
3801 \fi%
3802 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3803 }
3804 \def\xepersian@milyoongan@tartibi#1#2#3{%
3805 \ifnum#1#2#3>\@ne%
3806 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3807 %
3808 %
3809 \else%
3810 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3811 %
3812 %
3813 \fi%
3814 }
3815 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3816 \ifnum#1>\z@%
3817 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3818 %
3819 \ifnum#2#3>\z@\ \fi%
3820 \fi%
3821 \ifnum#2#3<20%
3822 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3823 \else%
3824 \ifnum#2#3=30%
3825 \xepersian@dahgan@tartibi#2%
3826 \else%
3827 \xepersian@dahgan#2%
3828 \fi%
3829 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3830 #60%
3831 \fi%
3832 }
3833 \def\xepersian@dahgan@tartibi#1{%
3834 \ifcase#1\or\or or\ or\ %
3835 \or or\ or\ or\ %
3836 \or %fi\
3837 }
3838 \def\xepersian@tartibi#1{%
3839 \ifcase#1\or or\ or\ or\ %
3840 \or or\ or\ or\ or\ %
3841 \or or\ or\ or\ %
3842 \or or\ or\ %
3843 \or or\ or\ %fi\
3844 }
3845 \def\xepersian@yekanv#1{%
3846 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %

```



```

3847 \or or\ or\ or\ or\ or\ or\ %
3848 \or or\ or\ or\ %
3849 \or or\ %fi\
3850 }
3851 \providecommand*\xpg@warning}[1]{%
3852   \PackageWarning{XePersian}%
3853   {#1}}
3854 \if@bidi@csundef{@abjad}{%
3855 \def\@abjad#1{%
3856 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3857 \else
3858   \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3859   \else
3860     \ifnum#1<10\expandafter\abj@num@i\number#1%
3861     \else
3862       \ifnum#1<100\expandafter\abj@num@ii\number#1%
3863       \else
3864         \ifnum#1<\m\expandafter\abj@num@iii\number#1%
3865         \else
3866           \ifnum#1<\M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3867           \fi
3868         \fi
3869       \fi
3870     \fi
3871   \fi
3872 \fi
3873 }
3874 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3875 \let\abjadnumeral\@abjad
3876 \def\abjad@zero{}
3877 \def\abj@num@i#1{%
3878   \ifcase#1\or or\ or\ or\ %
3879   \or or\ or\ or\ or\ fi\
3880   \ifnum#1=\z@\abjad@zero\fi}
3881 \def\abj@num@ii#1{%
3882   \ifcase#1\or or\ or\ or\ or\ %
3883   \or or\ or\ or\ or\ fi\
3884   \ifnum#1=\z@\fi\abj@num@i}
3885 \def\abj@num@iii#1{%
3886   \ifcase#1\or or\ or\ or\ or\ %
3887   \or or\ or\ or\ or\ fi\
3888   \ifnum#1=\z@\fi\abj@num@ii}
3889 \def\abj@num@iv#1{%
3890   \ifcase#1\or fi\
3891   \ifnum#1=\z@\fi\abj@num@iii}
3892 }{}
3893 \let\@latinalph\@alph%
3894 \let\@latinAlph\@Alph%
3895 \def\LatinAlphs{%
3896   \let\@alph\@latinalph%

```



```

3897 \let\@Alph\@latinAlph%
3898 }
3899 \def\thempfootnote{\itshape\@latinalph\c@mpfootnote}}
3900 \renewcommand*\@bidi@thebibliography@font@hook{\%
3901 \if@LTRbibitems
3902 \resetlatinfont
3903 \fi}
3904 \bidi@AfterEndPreamble{\%
3905 \if@bidi@cundefined{persianfont}\%
3906 \PackageError{xepersian}{You have not specified any font\MessageBreak
3907 for the main Persian text}{Use \settextfont' to load a font.}%
3908 }{}}
3909 \ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3910 \ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3911 \ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3912 \ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3913 \ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3914 \ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3915 \ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3916 \ifpackageloaded{fancyref}{\input{fancyref-xepersian.def}}{}
3917 \ifpackageloaded{bidiuftesidenote}{\input{bidiuftesidenote-xepersian.def}}{}
3918 \ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3919 \ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3920 \ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3921 \ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3922 \ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3923 \ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3924 \ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3925 \ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3926 \ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3927 \ifpackageloaded{tikz}{\input{tikz.code-xepersian.def}}{}
3928 \ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3929 \ifpackageloaded{tocloft}{\ifclassloaded{memoir}}{\input{tocloft-xepersian.def}}{}
3930 \ifpackageloaded{varioref}{\input{varioref-xepersian.def}}{}
3931 \ifclassloaded{article}{\input{article-xepersian.def}}{}
3932 \ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3933 \ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3934 \ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3935 \ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3936 \ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3937 \ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3938 \ifclassloaded{report}{\input{report-xepersian.def}}{}
3939 \ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3940 \ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3941 \ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3942 \ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3943 \ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3944 \ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3945 \ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3946 \ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}

```



```

3947 \ifclassloaded{boek}{\input{boek-xepersian.def}}{}
3948 \ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3949 \ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3950 \ifclassloaded{book}{\input{book-xepersian.def}}{}
3951 \ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
3952 \ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3953 \ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3954
3955 \def\xepersian@@fontsize@branch#1{%
3956   \@tempcnta\z@
3957   \@for\xepersian@tmp:=#1\do{%
3958     \KV@sp@def\xepersian@frag{\xepersian@tmp}%
3959     \ifcase\@tempcnta\relax% cnta == 0
3960       \edef\xepersian@value{\xepersian@frag}%
3961       \setfontsize{\xepersian@frag}%
3962     \or% cnta == 1
3963       \setfontsize[\xepersian@frag]{\xepersian@value}%
3964     \else\fi
3965     \advance\@tempcnta\@ne}%
3966 }
3967
3968
3969 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default
3970   \ifcase\xepersian@tempb\relax
3971     \AutoMathsDigits
3972   \or
3973     \DefaultMathsDigits
3974   \or
3975     \PersianMathsDigits
3976   \fi}
3977 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3978   \ifcase\xepersian@tempb\relax
3979     \AutoInlineMathsDigits
3980   \or
3981     \DefaultInlineMathsDigits
3982   \or
3983     \PersianInlineMathsDigits
3984   \fi}
3985 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3986   \ifcase\xepersian@tempb\relax
3987     \AutoDisplayMathsDigits
3988   \or
3989     \DefaultDisplayMathsDigits
3990   \or
3991     \PersianDisplayMathsDigits
3992   \fi}
3993 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3994   \ifcase\xepersian@tempb\relax
3995     \@RTLtrue
3996   \or

```



```

3997 \RTLfalse
3998 \fi}
3999
4000 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
4001 \ifcase\xepersian@tempb\relax
4002 \RTLtrue
4003 \or
4004 \RTLfalse
4005 \fi}
4006
4007
4008 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
4009 \ifcase\xepersian@tempb\relax
4010 \RTLtabtrue
4011 \or
4012 \RTLtabfalse
4013 \fi}
4014
4015 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[latin]
4016 \ifcase\xepersian@tempb\relax
4017 \nonlatinfalse
4018 \or
4019 \nonlatintrue
4020 \fi}
4021
4022 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4023 \ifcase\xepersian@tempb\relax
4024 \RTLtrue
4025 \or
4026 \RTLfalse
4027 \fi}
4028 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,left}
4029 \ifcase\xepersian@tempb\relax
4030 \autofootnoterule
4031 \or
4032 \leftfootnoterule
4033 \or
4034 \rightfootnoterule
4035 \or
4036 \SplitFootnoteRule
4037 \or
4038 \textwidthfootnoterule
4039 \fi}
4040 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
4041 \ifcase\xepersian@tempb\relax
4042 \RTL@footnotetrue
4043 \or
4044 \RTL@footnotefalse
4045 \fi}
4046 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,

```



```

4047 \ifcase\xepersian@tempb\relax
4048 \footdir@debugtrue
4049 \or
4050 \footdir@debugfalse
4051 \fi}
4052 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4053 \ifcase\xepersian@tempb\relax
4054 \input{kashida-xepersian.def}
4055 \fi}
4056 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4057 \ifcase\xepersian@tempb\relax
4058 \@Kashida@XB@fixtrue
4059 \or
4060 \@Kashida@XB@fixfalse
4061 \fi}
4062 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4063 \ifcase\xepersian@tempb\relax
4064 \input{localise-xepersian.def}
4065 \fi}
4066 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,o
4067 \ifcase\xepersian@tempb\relax
4068 \@extrafootnotefeaturestrue
4069 \or
4070 \@extrafootnotefeaturesfalse
4071 \fi}
4072 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4073 \ifcase\xepersian@tempb\relax
4074 \PackageWarning{xepersian}{Obsolete option}%
4075 \ifwritexviii%
4076 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4077 \renewcommand\printindex{\newpage%
4078 \immediate\closeout\@indexfile
4079 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
4080 \@input@{\jobname.ind}}}%
4081 \else
4082 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
4083 \fi
4084 \fi}
4085 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off
4086 \ifcase\xepersian@tempb\relax
4087 \ifwritexviii%
4088 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4089 \renewcommand\printindex{\newpage%
4090 \immediate\closeout\@indexfile
4091 \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
4092 \@input@{\jobname.ind}}}%
4093 \else
4094 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4095 \fi
4096 \fi}

```




```

4097 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off}
4098 \ifcase\xepersian@tempb\relax
4099     \ifwritexviii%
4100         \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4101             \renewcommand\printindex{\newpage%
4102             \immediate\closeout\@indexfile
4103             \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4104             \@input@{\jobname.ind}}}%
4105         \else
4106             \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4107             \fi
4108     \fi}
4109 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
4110     \ifcase\xepersian@tempb\relax
4111         \def\PersianAlphs{%
4112             \let\@alph\@abjad%
4113             \let\@Alph\@abjad%
4114         }
4115     \or
4116         \def\PersianAlphs{%
4117             \let\@alph\@Abjad%
4118             \let\@Alph\@Abjad%
4119         }
4120     \fi}
4121 \DeclareOptionX{defaultlatinfontfeatures}{%
4122 \defaultfontfeatures
4123 [\latinfont]
4124 {#1}
4125 }
4126
4127 \DeclareOptionX{mathfontsizescale}{%
4128     \def\xepersian@@math@fontsize@scale{#1}%
4129 }
4130
4131 \DeclareOptionX{fontsizescale}{%
4132     \def\xepersian@@fontsize@scale{#1}%
4133 }
4134
4135 \DeclareOptionX{fontsize}{%
4136     \xepersian@@fontsize@branch{#1}%
4137 }
4138
4139 \DeclareOptionX{latinfontsizescale}{%
4140     \def\xepersian@@latin@fontsize@scale{#1}%
4141 }
4142
4143 \DeclareOptionX{baselineskipscale}{%
4144     \def\xepersian@@baselineskip@scale{#1}%
4145 }
4146

```



```

4147 \DeclareOptionX{latinbaselineskip}{%
4148   \def\xepersian@latin@baselineskip@scale{#1}%
4149 }
4150
4151 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4152   \ifcase\xepersian@tempb\relax
4153     \AtBeginDocument{\@bidi@inslogo}%
4154   \or
4155     \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
4156   \fi}
4157
4158 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4159   \ifcase\xepersian@tempb\relax
4160     \bidi@pdfm@marktrue
4161   \or
4162     \bidi@pdfm@markfalse
4163   \fi}
4164
4165 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4166   \ifcase\xepersian@tempb\relax
4167     \xepersian@@computeautoilgtrue
4168   \or
4169     \xepersian@@computeautoilgfalse
4170   \fi}
4171
4172 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4173   \ifcase\xepersian@tempb\relax
4174     \def\bidi@firstcolumn@status@write{%
4175       \protected@write\@auxout{%
4176         {\string\bidi@column@status
4177           {1}}}%
4178     \def\bidi@lastcolumn@status@write{%
4179       \protected@write\@auxout{%
4180         {\string\bidi@column@status{2}}}%
4181   \or
4182     \let\bidi@firstcolumn@status@write\relax
4183     \let\bidi@lastcolumn@status@write\relax
4184   \fi}
4185
4186
4187 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}
4188 \ifcase\xepersian@tempb\relax
4189   \bidi@AtEndPreamble{%
4190     \bidi@patchcmd{\xepersian@@start@switch@textdigitfont}%
4191     {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{-}{-}%
4192   }
4193   \or
4194     \relax
4195   \fi}
4196

```



```

4197 \define@choicekey{xepersian.sty}{perpagefootnote}[\xepersian@tempa\xepersian@tempb]{on,off}[on]
4198 \ifcase\xepersian@tempb\relax
4199 \@bidi@perpage@footnotetrue
4200 \or
4201 \@bidi@perpage@footnotefalse
4202 \fi}
4203
4204 \ExplSyntaxOn
4205 \bool_new:N \l__xepersian_fontsloadable_bool
4206 \define@choicekey{xepersian.sty}{fontsloadable}[\xepersian@tempa\xepersian@tempb]{true,false}[
4207 \ifcase\xepersian@tempb\relax
4208 \bool_set_true:N \l__xepersian_fontsloadable_bool
4209 \or
4210 \bool_set_false:N \l__xepersian_fontsloadable_bool
4211 \fi}
4212 \ExplSyntaxOff
4213
4214 \ExecuteOptionsX{%
4215     fontsloadable=false,
4216     documentdirection=righttoleft,
4217     tabledirection=righttoleft,
4218     script=nonlatin,
4219     footnotedirection=righttoleft,
4220     footnoterule=automatic,
4221     abjadvariant=two,
4222     DetectColumn=off,
4223     fontsizescale=\@ne,
4224     latinfontsizescale=\@ne,
4225     mathfontsizescale=\@ne,
4226     baselineskip scale=\@ne,
4227     latinbaselineskip scale=\@ne
4228 }
4229
4230 \ProcessOptionsX
4231
4232 \if@extrafootnotefeatures
4233 \input{extrafootnotefeatures-xetex-bidi.def}%
4234 \input{extrafootnotefeatures-xepersian.def}%
4235 \fi
4236
4237 \ExplSyntaxOn
4238 \bool_if:NF \l__xepersian_fontsloadable_bool
4239 {
4240 \input{fontspec-xepersian.def}%
4241 }
4242 \ExplSyntaxOff
4243
4244 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
4245 \@tempdimb\xepersian@@fontsize@scale\dimexpr#2pt\relax
4246 }{}{}

```



```

4247
4248 \bidi@patchcmd{\set@fontsize}{\@tempskipa#3pt}{%
4249 \@tempskipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
4250 }{}{}
4251
4252
4253 \newcommand*{\xepersian@@update@math@fontsize}[1]{%
4254 \strip@pt\dimexpr\xepersian@@math@fontsize@scale
4255 \dimexpr 1pt * \dimexpr #1 pt\relax /
4256 \dimexpr \xepersian@@fontsize@scale pt\relax
4257 \relax\relax
4258 }
4259
4260 \bidi@patchcmd{\getanddefine@fonts}{%
4261 \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
4262 }{%
4263 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
4264 }{}{}
4265
4266 \bidi@patchcmd{\getanddefine@fonts}{%
4267 \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
4268 }{%
4269 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sf@size\endcsname}%
4270 }{}{}
4271
4272 \bidi@patchcmd{\getanddefine@fonts}{%
4273 \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
4274 }{%
4275 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\ssf@size\endcsname}%
4276 }{}{}
4277
4278
4279 \if\xepersian@@computeautoilg
4280 \bidi@patchcmd{\set@fontsize}{%
4281 \baselineskip\f@baselineskip\relax
4282 }{%
4283 \baselineskip\f@baselineskip\relax
4284 \xepersian@computeautoilg
4285 \ifdim\xepersian@strutilg>\baselineskip
4286 \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found
4287 \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
4288 \baselineskip\xepersian@strutilg
4289 \ifdim\footnotesep=.7\baselineskip
4290 \else
4291 \footnotesep=.7\baselineskip
4292 \fi
4293 \fi
4294 }{}{}
4295 \fi
4296

```



```

4297 \setlatintextfont[ExternalLocation,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-boldita
4298 \PersianAlphs

```

60 File xepersian-magazine.cls

```

4299 \NeedsTeXFormat{LaTeX2e}
4300 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
4301 \RequirePackage{ifthen}
4302 \newlength{\xepersian@imgsize}
4303 \newlength{\xepersian@coltitsize}
4304 \newlength{\xepersian@pageneed}
4305 \newlength{\xepersian@pageleft}
4306 \newlength{\xepersian@indexwidth}
4307 \newcommand{\xepersian@ncolumns}{0}
4308 \newlength{\columnlines}
4309 \setlength{\columnlines}{0 pt} % no lines by default
4310 \newboolean{xepersian@hyphenatedtitles}
4311 \setboolean{xepersian@hyphenatedtitles}{true}
4312 \newboolean{xepersian@ninepoints}
4313 \setboolean{xepersian@ninepoints}{false}
4314 \newboolean{xepersian@showgrid}
4315 \setboolean{xepersian@showgrid}{false}
4316 \newboolean{xepersian@a3paper}
4317 \setboolean{xepersian@a3paper}{false}
4318 \newboolean{xepersian@insidefrontpage}
4319 \setboolean{xepersian@insidefrontpage}{false}
4320 \newboolean{xepersian@insideweather}
4321 \setboolean{xepersian@insideweather}{false}
4322 \newboolean{xepersian@insideindex}
4323 \setboolean{xepersian@insideindex}{false}
4324 \newcount\xepersian@gridrows
4325 \newcount\xepersian@gridcolumns
4326 \xepersian@gridrows=40
4327 \xepersian@gridcolumns=50
4328 \newcount\minraggedcols
4329 \minraggedcols=5
4330 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4331 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4332 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4333 \DeclareOption{twocolumn}%
4334 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4335 \DeclareOption{notitlepage}%
4336 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4337 \DeclareOption{twoside}%
4338 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4339 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4340 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4341 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4342 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4343 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}

```



```

4344 \ProcessOptions\relax
4345 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4346 \RequirePackage{ifxetex}
4347 \RequirePackage{multido}
4348 \RequirePackage{datetime}
4349 \RequirePackage{multicol}
4350 \RequirePackage{fancyhdr}
4351 \RequirePackage{fancybox}
4352 \ifthenelse{\boolean{xepersian@a3paper}}{%
4353 \RequirePackage[a3paper, headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4354 }{
4355 \RequirePackage[headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4356 }
4357 \RequirePackage[absolute]{textpos} % absolute positioning
4358 \RequirePackage{hyphenat} % when hyphenate
4359 \RequirePackage{lastpage} % to know the last page number
4360 \RequirePackage{setspace} % set space between lines
4361 \RequirePackage{ragged2e}
4362 \newcommand{\raggedFormat}{\RaggedLeft}
4363 \AtEndOfClass{\xepersianInit}
4364 \ifthenelse{\boolean{xepersian@showgrid}}{%
4365 \AtBeginDocument{
4366 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4367 \advance\minraggedcols by -1
4368 }{%
4369 \AtBeginDocument{
4370 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4371 \advance\minraggedcols by -1
4372 }
4373 \ifthenelse{\boolean{xepersian@ninepoints}}{
4374 \renewcommand{\normalsize}{%
4375 \setfontsize{\normalsize}{9pt}{10pt}%
4376 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4377 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4378 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4379 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4380
4381 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4382
4383 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4384
4385 \renewcommand{\small}{%
4386 \setfontsize{\small}{8pt}{9pt}%
4387 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4388 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4389 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4390 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4391
4392 \renewcommand{\footnotesize}{%
4393 \setfontsize{\footnotesize}{8pt}{9pt}%

```



```

4394 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4395 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4396 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4397 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4398
4399 \newcommand{\large}{\@setfontsize{\large}{11pt}{13pt}}
4400 \newcommand{\Large}{\@setfontsize{\Large}{14pt}{18pt}}
4401 \newcommand{\LARGE}{\@setfontsize{\LARGE}{18pt}{20pt}}
4402 \newcommand{\huge}{\@setfontsize{\huge}{20pt}{25pt}}
4403 \newcommand{\Huge}{\@setfontsize{\Huge}{25pt}{30pt}}
4404 }{}
4405 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4406 \newcommand{\xepersian@wwwFormat}{\sffamily}
4407 \newcommand{\xepersian@www}{%
4408 \raisebox{-3pt}{\{\xepersian@wwwFormat\@customwwwTxt}}
4409 }
4410 \newcommand{\xepersian@edition}{ {
4411 \newcommand{\editionFormat}{\large\bfseries\texttt}
4412 \newcommand{\xepersian@editionLogo}{%
4413 \raisebox{-3pt}{%
4414 {\editionFormat\xepersian@edition}%
4415 }%
4416 }
4417 \newcommand{\indexFormat}{\large\bfseries}
4418 \newcommand{\xepersian@indexFrameTitle}[1]
4419 {\begin{flushright}{\{\indexFormat #1\}\end{flushright}}
4420
4421 \newcommand{\indexEntryFormat}{\normalsize}
4422 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4423 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4424 \end{minipage}}
4425 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4426 \newcommand{\indexEntryPageTxt}{ }
4427 \newcommand{\indexEntryPageFormat}{\footnotesize}
4428 \newcommand{\xepersian@indexEntryPage}[1]{%
4429 {\indexEntryPageFormat{\indexEntryPageTxt{~#1}}%
4430 }
4431 \newcommand{\headDateTimeFormat}{ }
4432 \newcommand{\xepersian@headDateTime}{%
4433 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4434 \currenttime %
4435 }
4436 \newcommand{\weatherFormat}{\bfseries}
4437 \newcommand{\xepersian@weather}[1]{%
4438 \noindent{\weatherFormat #1}%
4439 }
4440 \newcommand{\weatherTempFormat}{\small}
4441 \newcommand{\weatherUnits}{\textdegree{ }C}
4442 \newcommand{\xepersian@section}[0]{ {
4443 \newcommand{\xepersian@headleft}{%

```



```

4444 {\small\bfseries \@custommagazinename} \date
4445 }
4446 \newcommand{\xepersian@headcenter}{\%
4447 \xepersian@section{}
4448 }
4449 \newcommand{\xepersian@headright}{\%
4450 \small\xepersian@edition%
4451 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4452 }
4453
4454 \newcommand{\heading}[3]{\%
4455 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4456 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4457 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4458 }
4459 \newcommand{\xepersian@footright}{\%
4460 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4461 }
4462 \newcommand{\xepersian@footcenter}{\%
4463 }
4464 \newcommand{\xepersian@footleft}{\%
4465 }
4466
4467 \newcommand{\foot}[3]{\%
4468 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4469 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4470 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4471 }
4472 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4473 \newcommand{\xepersian@firstTitle}[1]{\%
4474 {\%
4475 \begin{spacing}{2.0}{\%
4476 \noindent\ignorespaces
4477 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{\%
4478 {\nohyphens{\firstTitleFormat #1}}{\%
4479 {\firstTitleFormat #1}}{\%
4480 }{\%
4481 \end{spacing}}{\%
4482 }{\%
4483 }
4484 \newcommand{\firstTextFormat}{\%
4485 \newcommand{\xepersian@firstText}[1]{\%
4486 {\noindent\ignorespaces\firstTextFormat #1}}{\%
4487 }
4488 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4489 \newcommand{\xepersian@secondTitle}[1]{\%
4490 \begin{spacing}{1.5}{\%
4491 \noindent\ignorespaces\flushright
4492 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{\%
4493 {\nohyphens{\secondTitleFormat #1}}{\%

```




```

4494 {{\secondTitleFormat #1}}%
4495 }\end{spacing}%
4496 }
4497 \newcommand{\secondSubtitleFormat}{\large}
4498 \newcommand{\xepersian@secondSubtitle}[1]{%
4499 {\noindent\ignorespaces{\secondSubtitleFormat #1}}%
4500 }
4501 \newcommand{\secondTextFormat}{%
4502 \newcommand{\xepersian@secondText}[1]{%
4503 \begin{multicols}{2}
4504 {\noindent\ignorespaces\secondTextFormat #1}
4505 \end{multicols}
4506 }
4507 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4508 \newcommand{\xepersian@thirdTitle}[1]{%
4509 \begin{spacing}{1.5}{%
4510 \noindent\ignorespaces\flushright
4511 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4512 {\nohyphens{\thirdTitleFormat #1}}%
4513 {\thirdTitleFormat #1}}%
4514 }\end{spacing}%
4515 }
4516 \newcommand{\thirdSubtitleFormat}{\large}
4517 \newcommand{\xepersian@thirdSubtitle}[1]{%
4518 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4519 \newcommand{\thirdTextFormat}{%
4520 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}}
4521 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4522 \newcommand{\xepersian@pictureCaption}[1]{%
4523 {\noindent\pictureCaptionFormat #1}%
4524 }
4525 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4526 \newcommand{\xepersian@pages}[1]{%
4527 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4528 \newcommand{\innerTitleFormat}{\Huge}
4529 \newcommand{\xepersian@innerTitle}[1]{%
4530 \begin{flushright}{%
4531 \noindent
4532 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4533 {\nohyphens{\innerTitleFormat #1}}%
4534 {\innerTitleFormat #1}}%
4535 }%
4536 }%
4537 \end{flushright}%
4538 }
4539 \newcommand{\innerSubtitleFormat}{\large}
4540 \newcommand{\xepersian@innerSubtitle}[1]{\innerSubtitleFormat #1}}
4541 \newcommand{\timestampTxt}{%
4542 \newcommand{\timestampSeparator}{|}
4543 \newcommand{\timestampFormat}{\small}

```



```

4544 \newcommand{\timestamp}[1]{%
4545 {\timestampFormat%
4546 #1~\timestampTxt{}}%
4547 }~\timestampSeparator{}}%
4548 }
4549 \newcommand{\innerAuthorFormat}{\footnotesize}
4550 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4551 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4552 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4553 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4554 \newcommand{\editorialAuthorFormat}{\textsc}
4555 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4556 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}}
4557 \newcommand{\shortarticleSubtitleFormat}{\Large}
4558 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}}
4559 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4560 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}}
4561 \renewcommand{\maketitle}{\begin{titlepage}%
4562 \let\footnotesize\small
4563 \let\footnoterule\relax
4564 \let \footnote \thanks
4565 \null\vfil
4566 \vskip 60\p@
4567 \begin{center}%
4568 {\LARGE \@title \par}%
4569 \vskip 1em%
4570 {\LARGE «\xepersian@edition» \par}%
4571 \vskip 3em%
4572 {\large
4573 \lineskip .75em%
4574 \begin{tabular}[t]{c}%
4575 \author
4576 \end{tabular}\par}%
4577 \vskip 1.5em%
4578 {\large \@date \par}%
4579 \end{center}\par
4580 \@thanks
4581 \vfil\null
4582 \end{titlepage}%
4583 \setcounter{footnote}{0}%
4584 \global\let\thanks\relax
4585 \global\let\maketitle\relax
4586 \global\let\@thanks\@empty
4587 \global\let\@author\@empty
4588 \global\let\@date\@empty
4589 \global\let\@title\@empty
4590 \global\let\title\relax
4591 \global\let\author\relax
4592 \global\let\date\relax
4593 \global\let\and\relax

```



```

4594 }
4595 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4596 \newsavebox{\xepersian@fmbox}
4597 \newenvironment{xepersian@fmpage}[1]
4598 {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4599 {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4600 \newcommand{\image}[2]{
4601 \vspace{5pt}
4602 \setlength{\fboxsep}{1pt}
4603 \addtolength{\xepersian@imgsize}{\columnwidth}
4604 \addtolength{\xepersian@imgsize}{-1\columnsep}
4605 \ifxetex
4606 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4607 \addtolength{\xepersian@pageneed}{50pt}
4608 \ClassWarning{xepersian-magazine}{%
4609 Image #1 needs: \the\xepersian@pageneed \space %
4610 and there is left: \the\page@free\space%
4611 }
4612 \ifdim \xepersian@pageneed < \page@free
4613
4614 {\centering\fbox{%
4615 \includegraphics[width = \xepersian@imgsize,
4616 height = \xepersian@imgsize,
4617 keepaspectratio ]{#1}}}
4618 \xepersian@pictureCaption{#2}
4619
4620 \vspace{5pt}
4621 \else
4622 \ClassWarning{Image #1 needs more space!%
4623 It was not inserted!}
4624 \fi
4625 \fi
4626 }
4627 \textblockorigin{1cm}{1cm}
4628 \newdimen\xepersian@dx
4629 \newdimen\xepersian@dy
4630 \newcount\xepersian@cx
4631 \newcount\xepersian@cy
4632 \newcommand{\grid}[3][]{
4633 \xepersian@dx=\textwidth%
4634 \xepersian@dy=\textheight%
4635 \xepersian@cx=#3% %columns
4636 \xepersian@cy=#2% %rows
4637
4638 \count1=#3%
4639 \advance\count1 by 1
4640
4641 \count2=#2%
4642 \advance\count2 by 1
4643

```



```

4644 \divide\xepersian@dx by #3
4645 \divide\xepersian@dy by #2
4646
4647 \setlength{\TPHorizModule}{\xepersian@dx}
4648 \setlength{\TPVertModule}{\xepersian@dy}
4649
4650 \ifthenelse{\equal{#1}{show}}{
4651 \multido{\xepersian@nrow=0+1}{\count2}{
4652 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4653 \rule[0pt]{\textwidth}{.1pt}
4654 \end{textblock}
4655 }
4656
4657 \multido{\xepersian@ncol=0+1}{\count1}{
4658 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4659 \rule[0pt]{.1pt}{\textheight}
4660 \end{textblock}
4661 }
4662 }{}
4663 }
4664 \newcommand{\xepersianInit}{
4665 \setlength{\headheight}{14pt}
4666 \renewcommand{\headrulewidth}{0.4pt}
4667
4668 \pagestyle{fancy}
4669
4670 \setlength{\columnseprule}{\columnlines}
4671 \setlength{\fboxrule}{0.1 pt}
4672
4673 }
4674
4675 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4676 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4677 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4678 \newcommand{\logo}[0]{
4679 %% Heading %%
4680 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4681
4682 \vspace*{-3pt}
4683
4684 {\Large\bfseries \@customlogo}
4685 \hrulefill
4686 \hspace{10pt}\xepersian@headDateTime
4687
4688 }
4689 \newcommand{\minilogo}[0]{
4690 {\large\bfseries \@customminilogo}
4691
4692 \vspace*{5pt}
4693 }

```



```

4694 \newcommand{\mylogo}[1]{
4695 {\beginR#1\endR}
4696
4697 \noindent
4698 \xepersian@editionLogo\hspace{5pt}
4699 \hrulefill
4700 \hspace{5pt}\xepersian@headDateTime
4701 }
4702 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4703 \newenvironment{frontpage}[0]
4704 {
4705 \setboolean{xepersian@insidefrontpage}{true}
4706 \thispagestyle{empty}
4707 \logo
4708
4709 }%
4710 {
4711 \thispagestyle{empty}
4712 \clearpage
4713 \newpage
4714 \fancyhead{}
4715 \fancyfoot{}
4716 \fancyhead[RO,LE]{\beginR\xepersian@headright\endR}
4717 \fancyhead[LO,RE]{\beginR\xepersian@headleft\endR}
4718 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4719 \fancyfoot[RO,LE]{\beginR\xepersian@footright\endR}
4720 \fancyfoot[LO,RE]{\beginR\xepersian@footleft\endR}
4721 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4722 \renewcommand{\headrulewidth}{0.4pt}
4723 \setboolean{xepersian@insidefrontpage}{false}
4724
4725 }
4726 \newcommand{\firstarticle}[3]
4727 {
4728 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4729 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4730 \begin{textblock}{24}(22,5)
4731 }
4732 {
4733 \begin{textblock}{28}(22,5)
4734 }
4735 \vspace{-7pt}
4736 \xepersian@firstTitle{#1}
4737 \end{textblock}
4738 \begin{textblock}{29}(22,10)
4739 \vspace{5pt plus 2pt minus 2pt}
4740
4741 \xepersian@firstText{\timestamp{#3}~#2}
4742
4743 \end{textblock}

```



```

4744
4745 \begin{textblock}{50}(0,15)
4746 \rule{50\TPHorizModule}{.3pt}
4747 \end{textblock}
4748 }{%else
4749 \ClassError{xepersian-magazine}{%
4750 \protect\firstarticle\space in a wrong place.\MessageBreak
4751 \protect\firstarticle\space may only appear inside frontpage environment.
4752 }{%
4753 \protect\firstarticle\space may only appear inside frontpage environment.
4754 }%
4755 }
4756 }
4757 \newcommand{\secondarticle}[5]
4758 {
4759 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4760 \begin{textblock}{33}(2,16)
4761 \xepersian@pages{#4}
4762 \vspace{-5pt}
4763 \xepersian@secondTitle{#1}
4764
4765 \vspace*{5pt}
4766
4767 \xepersian@secondSubtitle{#2}
4768
4769 \vspace*{-7pt}
4770
4771 \xepersian@secondText{\timestamp{#5}~#3}
4772
4773 \end{textblock}
4774
4775 \begin{textblock}{33}(2,25)
4776 \vspace{5pt plus 2pt minus 2pt}
4777
4778 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4779 \end{textblock}
4780 }{%else
4781 \ClassError{xepersian-magazine}{%
4782 \protect\secondarticle\space in a wrong place.\MessageBreak
4783 \protect\secondarticle\space may only appear inside frontpage environment.
4784 }{%
4785 \protect\secondarticle\space may only appear inside frontpage environment.
4786 }%
4787 }
4788 }
4789 \newcommand{\thirdarticle}[6]
4790 {
4791 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4792 \begin{textblock}{32}(2,26)
4793 \xepersian@pages{#5}

```



```

4794 \vspace{-5pt}
4795 \setlength{\fboxsep}{1pt}
4796 \xepersian@thirdTitle{#1}
4797
4798 \vspace*{5pt}
4799
4800 \xepersian@thirdSubtitle{#2}
4801
4802 \vspace*{5pt}
4803
4804 {\noindent\ignorespaces %
4805 \ifthenelse{\equal{#4}{}}{}
4806
4807 \xepersian@thirdText{\timestamp{#6}~#3}
4808
4809 }
4810
4811 \vspace*{5pt}
4812
4813 \end{textblock}
4814 }{%else
4815 \ClassError{xepersian-magazine}{%
4816 \protect\thirdarticle\space in a wrong place.\MessageBreak
4817 \protect\thirdarticle\space may only appear inside frontpage environment.
4818 }{%
4819 \protect\thirdarticle\space may only appear inside frontpage environment.
4820 }%
4821 }
4822 }
4823 \newcommand{\firstimage}[2]
4824 {
4825 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4826 \begin{textblock}{18}(2,5)
4827 \setlength{\fboxsep}{1pt}
4828 \ifxetex % only in PDF
4829 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4830 \fi
4831
4832 \xepersian@pictureCaption{#2}
4833 \end{textblock}%
4834 }
4835 {\ClassError{xepersian-magazine}{%
4836 \protect\firstimage\space in a wrong place.\MessageBreak
4837 \protect\firstimage\space may only appear inside frontpage environment.
4838 }{%
4839 \protect\firstimage\space may only appear inside frontpage environment.
4840 }}
4841 }%
4842 \newcommand{\weatheritem}[5]{%
4843 \ifthenelse{\boolean{xepersian@insideweather}}{

```



```

4844 \begin{minipage}{45pt}
4845 \ifxetex
4846 \includegraphics[width=40pt]{#1}
4847 \fi
4848 \end{minipage}
4849 \begin{minipage}{50pt}
4850 \weatherTempFormat
4851 #2\\
4852 \beginL#3 $\mid$ #4 \lr{\weatherUnits{}}\endL\\
4853 #5
4854 \end{minipage}
4855 }{%else
4856 \ClassError{xepersian-magazine}{%
4857 \protect\weatheritem\space in a wrong place.\MessageBreak
4858 \protect\weatheritem\space may only appear inside weatherblock environment.
4859 }{%
4860 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4861 weatherblock environment may only appear inside frontpage environment.
4862 }%
4863 }
4864 }
4865 \newenvironment{weatherblock}[1]
4866 {
4867 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4868 \setboolean{xepersian@insideweather}{true}
4869 \begin{textblock}{32}(2,38)
4870 \vspace*{-15pt}
4871
4872 \xepersian@weather{\beginR#1\endR}
4873
4874 \vspace*{5pt}
4875
4876 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4877 \begin{minipage}{32\TPHorizModule}
4878 \hspace{5pt}
4879
4880 }{%
4881 \ClassError{xepersian-magazine}{%
4882 weatherblock in a wrong place.\MessageBreak
4883 weatherblock may only appear inside frontpage environment.
4884 }{%
4885 weatherblock may only appear inside frontpage environment.
4886 }
4887 }
4888 }%
4889 {
4890 \end{minipage}
4891 \end{xepersian@fmpage}
4892 \end{textblock}
4893 \setboolean{xepersian@insideweather}{false}

```




```

4894 }
4895 \newenvironment{authorblock}[0]
4896 {
4897 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4898 \begin{textblock}{15}(36,35)
4899 \setlength{\fboxsep}{5pt}
4900 \begin{xepersian@fmpage}{13\TPHorizModule}
4901 \begin{minipage}{13\TPHorizModule}
4902 \centering
4903 \minilogo
4904
4905 }{%else
4906 \ClassError{xepersian-magazine}{%
4907 authorblock in a wrong place.\MessageBreak
4908 authorblock may only appear inside frontpage environment.
4909 }{%
4910 authorblock may only appear inside frontpage environment.
4911 }
4912 }
4913 }
4914 {
4915 \end{minipage}
4916 \end{xepersian@fmpage}
4917 \end{textblock}
4918 }
4919 \newenvironment{indexblock}[1]
4920 {
4921 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4922 \setboolean{xepersian@insideindex}{true}%let's in
4923 \begin{textblock}{15}(36,16)
4924 \setlength{xepersian@indexwidth}{13\TPHorizModule}
4925 \xepersian@indexFrameTitle{#1}
4926
4927 \setlength{\fboxsep}{5pt} %espacio entre el frame y la imagen
4928 \begin{xepersian@fmpage}{xepersian@indexwidth}
4929 \begin{minipage}{xepersian@indexwidth}
4930 \vspace*{10pt}
4931 }{%else
4932 \ClassError{xepersian-magazine}{%
4933 indexblock in a wrong place.\MessageBreak
4934 indexblock may only appear inside frontpage environment.
4935 }{%
4936 indexblock may only appear inside frontpage environment.
4937 }
4938 }
4939 }%
4940 {
4941 \end{minipage}
4942 \end{xepersian@fmpage}
4943 \end{textblock}

```



```

4944 \setboolean{xepersian@insideindex}{false}%let's out
4945 }
4946 \newcommand{\indexitem}[2]
4947 {
4948 \ifthenelse{\boolean{xepersian@insideindex}}{
4949 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4950
4951 \vspace{0.5cm}
4952
4953 \noindent\ignorespaces\indexEntrySeparator{}
4954 }{%else
4955 \ClassError{xepersian-magazine}{%
4956 \protect\indexitem\space in a wrong place.\MessageBreak
4957 \protect\indexitem\space may only appear inside indexblock environment.
4958 }{%
4959 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
4960 indexblock environment may only appear inside frontpage environment.
4961 }%
4962 }
4963 }
4964 \newcommand{\xepersian@inexpandedtitle}[1]{
4965 \begin{minipage}{.95\textwidth}
4966 \begin{center}
4967 \noindent\Large\textbf{\beginR#1\endR}
4968 \end{center}
4969 \end{minipage}
4970 }
4971 \newcommand{\expandedtitle}[2]{
4972 \end{multicols}
4973
4974 \begin{center}
4975 \setlength{\fboxsep}{5pt}
4976 \setlength{\shadowsize}{2pt}
4977 \ifthenelse{\equal{#1}{shadowbox}}{%
4978 \shadowbox{%
4979 \xepersian@inexpandedtitle{#2}%
4980 }%
4981 }{}
4982 \ifthenelse{\equal{#1}{doublebox}}{%
4983 \doublebox{%
4984 \xepersian@inexpandedtitle{#2}%
4985 }%
4986 }{}
4987 \ifthenelse{\equal{#1}{ovalbox}}{%
4988 \ovalbox{%
4989 \xepersian@inexpandedtitle{#2}%
4990 }%
4991 }{}
4992 \ifthenelse{\equal{#1}{Ovalbox}}{%
4993 \Ovalbox{%

```



```

4994 \xepersian@inexpandedtitle{#2}%
4995 }%
4996 }{}
4997 \ifthenelse{\equal{#1}{lines}}{
4998 \hrule
4999 \vspace*{8pt}
5000 \begin{center}
5001 \noindent\Large\textbf{#2}
5002 \end{center}
5003 \vspace*{8pt}
5004 \hrule
5005 }{}
5006 \end{center}
5007
5008 \begin{multicols}{\xepersian@ncolumns{}}
5009 \ifnum \xepersian@ncolumns > \minraggedcols
5010 \raggedFormat
5011 \fi
5012 }
5013 \newcommand{\xepersian@incolumntitle}[2]{
5014 \begin{minipage}{#1}
5015 \begin{center}
5016 \noindent\normalsize\textbf{#2}
5017 \end{center}
5018 \end{minipage}
5019 }
5020
5021 \newcommand{\columnntitle}[2]{
5022 \vspace*{5pt}
5023 \begin{center}
5024 \setlength{\fboxsep}{5pt}
5025 \setlength{\shadowsize}{2pt}
5026 \addtolength{\xepersian@coltitsize}{\columnwidth}
5027 \addtolength{\xepersian@coltitsize}{-1\columnsep}
5028 \addtolength{\xepersian@coltitsize}{-5pt}
5029 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
5030 \ifthenelse{\equal{#1}{shadowbox}}{%
5031 \shadowbox{%
5032 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5033 }%
5034 }{}
5035 \ifthenelse{\equal{#1}{doublebox}}{%
5036 \doublebox{%
5037 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5038 }%
5039 }{}
5040 \ifthenelse{\equal{#1}{ovalbox}}{%
5041 \ovalbox{%
5042 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5043 }%

```



```

5044 }{}
5045 \ifthenelse{\equal{#1}{0valbox}}{%
5046 \0valbox{%
5047 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5048 }%
5049 }{}
5050 \ifthenelse{\equal{#1}{lines}}{
5051 \hrule
5052 \vspace*{5pt}
5053 \begin{center}
5054 \noindent\normalsize\textbf{#2}
5055 \end{center}
5056 \vspace*{5pt}
5057 \hrule
5058 }{}
5059 \end{center}
5060 }
5061 \renewcommand{\date}{%
5062 \longdate{\today}%
5063 }
5064 \newcommand{\authorandplace}[2]{%
5065 \rightline{%
5066 {\innerAuthorFormat #1},\space{\innerPlaceFormat #2}%
5067 }%
5068 \par %
5069 }
5070 \newcommand{\newsection}[1]{
5071 \renewcommand{\xepersian@section}{#1}
5072 }
5073 \newenvironment{article}[5]
5074 {
5075 \xepersian@say{Adding a new piece of article}
5076 \renewcommand{\xepersian@ncolumns}{#1}
5077 \begin{multicols}{#1}[
5078 \xepersian@pages{#4}
5079 \xepersian@innerTitle{#2}%
5080 \xepersian@innerSubtitle{#3}%
5081 ] [4cm]%
5082 \label{#5}
5083 \ifnum #1 > \minraggedcols
5084 \raggedFormat
5085 \fi
5086 }
5087 {\sim\innerTextFinalMark}
5088 \end{multicols}
5089 }
5090 \newcommand{\articlesep}{%
5091 \setlength{\xepersian@pageneed}{16000pt}
5092 \setlength\xepersian@pageleft{\pagegoal}
5093 \addtolength\xepersian@pageleft{-\pagetotal}

```



```

5094
5095 \xepersian@say{How much left \the\xepersian@pageleft}
5096
5097 \ifdim \xepersian@pageneed < \xepersian@pageleft
5098 \xepersian@say{Not enough space}
5099 \else
5100 \xepersian@say{Adding sep line between articles}
5101 \vspace*{10pt plus 10pt minus 5pt}
5102 \hrule
5103 \vspace*{10pt plus 5pt minus 5pt}
5104 \fi
5105
5106 }
5107 \newcommand{\xepersian@editorialTit}[2]{
5108 \setlength{\arrayrulewidth}{.1pt}
5109 \begin{center}
5110 \begin{tabular}{c}
5111 \noindent
5112 \xepersian@editorialTitle{#1}
5113 \vspace{2pt plus 1pt minus 1pt}
5114 \\
5115 \hline
5116 \vspace{2pt plus 1pt minus 1pt}
5117 \\
5118 \editorialAuthorFormat{#2}
5119 \end{tabular}
5120 \end{center}
5121 }
5122 \newenvironment{editorial}[4]
5123 {
5124 \xepersian@say{Adding a new editorial}
5125 \begin{multicols}{#1}[%
5126 \xepersian@editorialTit{#2}{#3}%
5127 ] [4cm]
5128 \label{#4}
5129 \ifnum #1 > \minraggedcols
5130 \raggedFormat
5131 \fi
5132 }
5133 {
5134 \end{multicols}
5135 }
5136 \newcommand{\xepersian@shortarticleTit}[2]{
5137 \begin{center}
5138 \vbox{%
5139 \noindent
5140 \xepersian@shortarticleTitle{#1}
5141 \vspace{4pt plus 2pt minus 2pt}
5142 \hrule
5143 \vspace{4pt plus 2pt minus 2pt}

```



```

5144 \xepersian@shortarticleSubtitle{#2}
5145 }
5146 \end{center}
5147 }
5148 \newenvironment{shortarticle}[4]
5149 {
5150 \xepersian@say{Adding a short article block}
5151 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}][4cm] %
5152 \label{#4}
5153 \par %
5154 \ifnum #1 > \minraggedcols
5155 \raggedFormat
5156 \fi
5157 }
5158 {
5159 \end{multicols}
5160 }
5161 \newcommand{\shortarticleitem}[2]{
5162 \goodbreak
5163 \vspace{5pt plus 3pt minus 3pt}
5164 {\vbox{\noindent\xepersian@shortarticleItemTitle{#1}}}
5165 \vspace{5pt plus 3pt minus 3pt}
5166 {\noindent #2}\\
5167 }

```

61 File xepersian-mathsdigitspec.sty

```

5168 \NeedsTeXFormat{LaTeX2e}
5169 \ProvidesPackage{xepersian-mathsdigitspec}
5170 [2018/01/01 v1.1.5 Unicode Persian maths digits in XeLaTeX]
5171 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
5172 \let\newfam\new@mathgroup
5173 \def\select@group#1#2#3#4{%
5174 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5175 {%
5176 \ifmmode
5177 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5178 \begingroup
5179 \escapechar\m@ne
5180 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5181 \globaldefs\@ne \math@fonts
5182 \endgroup
5183 \init@restore@version
5184 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
5185 {\number\csname c@mv@\math@version\endcsname}}%
5186 \global\advance\csname c@mv@\math@version\endcsname\@ne
5187 \else
5188 \let#1\relax
5189 \@latex@error{Too many math alphabets used in
5190 version \math@version}%

```



```

5191      \@eha
5192    \fi
5193  \else \expandafter\non@alpherr\fi
5194  #1{#4}%
5195  }%
5196 }
5197 \def\document@select@group#1#2#3#4{%
5198 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5199 {%
5200 \ifmmode
5201   \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5202     \begingroup
5203     \escapechar\m@ne
5204     \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5205     \globaldefs\@ne \math@fonts
5206   \endgroup
5207   \expandafter\extract@alph@from@version
5208     \csname mv@\math@version\expandafter\endcsname
5209     \expandafter{\number\csname
5210       c@mv@\math@version\endcsname}%
5211     #1%
5212   \global\advance\csname c@mv@\math@version\endcsname\@ne
5213 \else
5214   \let#1\relax
5215   \@latex@error{Too many math alphabets used
5216     in version \math@version}%
5217   \@eha
5218 \fi
5219 \else \expandafter\non@alpherr\fi
5220 #1{#4}%
5221 }%
5222 }
5223 \ExplSyntaxOn
5224 \bool_set_false:N \g__fontspec_math_bool
5225 \tl_map_inline:nn
5226 {
5227   \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
5228   \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
5229   \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
5230   \version@list\version@elt\alpha@list\alpha@elt
5231   \restore@mathversion\init@restore@version\dorestore@version\process@table
5232   \new@mathversion\DeclareSymbolFont\group@list\group@elt
5233   \new@symbolfont\SetSymbolFont\SetSymbolFont@\get@cdp
5234   \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
5235   \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
5236   \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
5237   \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
5238   \set@@mathdelimiter\DeclareMathRadical\mathchar@type
5239   \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
5240 }

```



```

5241 {
5242   \tl_remove_once:Nn \@preamblecmds {\do#1}
5243 }
5244 \ExplSyntaxOff
5245 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitspec}{#1}}
5246 \newcommand\SetMathCode[4]{%
5247   \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5248 \newcommand\SetMathCharDef[4]{%
5249   \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5250 \ExplSyntaxOn
5251 \cs_new_eq:NN \orig_mathbf:n \mathbf
5252 \cs_new_eq:NN \orig_mathit:n \mathit
5253 \cs_new_eq:NN \orig_mathrm:n \mathrm
5254 \cs_new_eq:NN \orig_mathsf:n \mathsf
5255 \cs_new_eq:NN \orig_mathtt:n \mathtt
5256 \NewDocumentCommand \new@mathbf { m } {
5257   \orig_mathbf:n {
5258     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5259       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
5260     }
5261     #1
5262   }
5263 }
5264 \NewDocumentCommand \new@mathit { m } {
5265   \orig_mathit:n {
5266     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5267       \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
5268     }
5269     #1
5270   }
5271 }
5272 \NewDocumentCommand \new@mathrm { m } {
5273   \orig_mathrm:n {
5274     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5275       \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
5276     }
5277     #1
5278   }
5279 }
5280 \NewDocumentCommand \new@mathsf { m } {
5281   \orig_mathsf:n {
5282     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5283       \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
5284     }
5285     #1
5286   }
5287 }
5288 \NewDocumentCommand \new@mathtt { m } {
5289   \orig_mathtt:n {
5290     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {

```




```

5291     \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
5292   }
5293   #1
5294 }
5295 }
5296
5297 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
5298 {
5299   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5300 }
5301 \cs_new:Nn \__xepersian_main_setmathdigitfont:nn
5302 {
5303   \let\glb@currsz\relax
5304   \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Mapping=persiandigits,#1} {#2}
5305   \__xepersian_setmathdigitfont_hook:nn {#1} {#2}
5306   \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5307   \DeclareSymbolFont{OPERATORS} {\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5308   \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5309   \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5310   \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5311   \def\persianmathsfdigits{%
5312     \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5313     \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5314     \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5315     \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5316     \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5317     \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5318     \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5319     \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5320     \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5321     \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5322     \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5323     \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5324     \tl_set_eq:NN \mathbf \new@mathbf
5325     \tl_set_eq:NN \mathit \new@mathit
5326     \tl_set_eq:NN \mathrm \new@mathrm
5327   }
5328
5329 \cs_set_eq:NN \__xepersian_setmathdigitfont_hook:nn \use_none:nn
5330
5331 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5332 {
5333   \__xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5334 }
5335 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5336 {
5337   \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Mapping=persiandigits,#1} {#2}
5338   \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5339   \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsfamily_tl}
5340   \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}

```



```

5341 }
5342
5343 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5344
5345 \DeclareDocumentCommand \setmathttdigitfont { 0{} m 0{} }
5346 {
5347   \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5348 }
5349 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5350 {
5351   \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Mapping=persiandigits,#1} {#2}
5352   \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5353   \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5354     \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5355 }
5356
5357 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5358
5359 \ExplSyntaxOff
5360 \ifx\newcommand\undefined\else
5361   \newcommand{\ZifferAn}{}
5362 \fi
5363 \mathchardef\ziffer@DotOri="013A
5364 {\ZifferAn
5365   \catcode\.=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5366 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5367 \def\ziffer@check#1#2{%
5368   \ifx\n1\endgroup#1\else
5369     \ifx\n2\endgroup#1\else
5370       \ifx\n3\endgroup#1\else
5371         \ifx\n4\endgroup#1\else
5372           \ifx\n5\endgroup#1\else
5373             \ifx\n6\endgroup#1\else
5374               \ifx\n7\endgroup#1\else
5375                 \ifx\n8\endgroup#1\else
5376                   \ifx\n9\endgroup#1\else
5377                     \ifx\n0\endgroup#1\else
5378                       \ifx\n\overline\endgroup#1\else
5379                         \endgroup#2%
5380                     \fi
5381                 \fi
5382             \fi
5383         \fi
5384     \fi
5385 \fi
5386 \fi
5387 \fi
5388 \fi
5389 \fi
5390 \fi}

```



```

5391 \mathcode`.="8000\relax
5392 \def\ZifferLeer{\ifx\decimalseparator\undefined.\else\decimalseparator\fi}
5393 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5394 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5395 \def\DefaultMathsDigits{%
5396   \DefaultInlineMathsDigits%
5397   \DefaultDisplayMathsDigits%
5398 }
5399 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5400 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5401 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5402 \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5403 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5404 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5405 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5406 \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5407 \def\PersianMathsDigits{%
5408   \PersianInlineMathsDigits%
5409   \PersianDisplayMathsDigits%
5410 }
5411 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5412 \ifx\persianmathsdigits\undefined\else@if@nonlatin\persianmathsdigits\fi\fi%
5413 \ifx\persianmathsfdigits\undefined\else@if@nonlatin\persianmathsfdigits\fi\fi%
5414 \ifx\persianmaththtdigits\undefined\else@if@nonlatin\persianmaththtdigits\fi\fi}}
5415 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5416 \ifx\persianmathsdigits\undefined\else@if@nonlatin\persianmathsdigits\fi\fi%
5417 \ifx\persianmathsfdigits\undefined\else@if@nonlatin\persianmathsfdigits\fi\fi%
5418 \ifx\persianmaththtdigits\undefined\else@if@nonlatin\persianmaththtdigits\fi\fi}}
5419 \def\AutoMathsDigits{%
5420   \AutoInlineMathsDigits%
5421   \AutoDisplayMathsDigits%
5422 }
5423 \AutoMathsDigits
5424 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5425 \let\SetDisplayMathsDigits\relax%
5426 }
5427 \everydisplay\expandafter{%
5428   \the\everydisplay\SetDisplayMathsDigits%
5429   \let\SetInlineMathsDigits\relax%
5430 }

```

62 File xepersian-multiplechoice.sty

```

5431 \NeedsTeXFormat{LaTeX2e}
5432 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5433   Multiple Choice Questionnaire class for Persian in XeLaTeX]
5434 \RequirePackage{pifont}
5435 \RequirePackage{fullpage}
5436 \RequirePackage{ifthen}
5437 \RequirePackage{calc}

```



```

5438 \RequirePackage{verbatim}
5439 \RequirePackage{tabularx}
5440 \def\@headerfont{\bfseries}
5441 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5442 \def\@X{X}
5443 \newcommand\X[1]{\gdef\@X{#1}}
5444 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5445 \newcolumnntype{D}{>\pbs\centering}X}
5446 \newcolumnntype{Q}{>\@headerfont}X}
5447
5448 \renewcommand\tabularxcolumn[1]{m{#1}}
5449 \newcommand\makeform@nocorrection{%
5450   \addtocontents{frm}{\protect\end{tabularx}}
5451   \starttoc{frm}}
5452 \newcommand\makeform@correction{%
5453   \addtocontents{frm}{\protect\end{tabularx}}}
5454 \newcommand\makemask@nocorrection{%
5455   \addtocontents{msk}{\protect\end{tabularx}}
5456   \starttoc{msk}}
5457 \newcommand\makemask@correction{%
5458   \addtocontents{msk}{\protect\end{tabularx}}}
5459 \newlength\questionspace
5460 \setlength\questionspace{0pt}
5461 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5462 \def\@answerstitlefont{\bfseries}
5463 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5464 \def\@answernumberfont{\bfseries}
5465 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5466 \newcounter{question}\stepcounter{question}
5467 \newcounter{@choice}
5468 \def\@initorcheck{%
5469   \xdef\@choices{\the@choice}%
5470   \setcounter{@choice}{1}%
5471   \gdef\@arraydesc{|Q||}%
5472   \gdef\@headerline{}}
5473 \whiledo{\not{\value{@choice}>\@choices}}{
5474   \xdef\@arraydesc{\@arraydesc D|}
5475   \def\@appendheader{\g@addto@macro\@headerline}
5476   \@appendheader{&\protect\@headerfont}
5477   \edef\@the@choice{\alph{@choice}}
5478   \expandafter\@appendheader\@the@choice
5479   \stepcounter{@choice}}%
5480 \addtocontents{frm}{%
5481   \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5482   \protect\hline
5483   \@headerline\protect\\\protect\hline\protect\hline}%
5484 \addtocontents{msk}{%
5485   \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5486   \protect\hline
5487   \@headerline\protect\\\protect\hline\protect\hline}%

```



```

5488 \gdef\@initorcheck{%
5489 \ifthenelse{\value{choice} = \@choices}{\}%
5490 \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5491 (\thechoice\space instead of \@choices)}{\%
5492 Questions must all have the same number of proposed answers.%
5493 \MessageBreak
5494 Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}}%
5495 \newenvironment{question}[1]{%
5496 %% \begin{question}
5497 \begin{minipage}{\textwidth}
5498 \xdef\@formanswerline{\@questionheader}%
5499 \xdef\@maskanswerline{\@questionheader}%
5500 \fbox{\parbox[c]{\linewidth}{#1}}
5501 \vspace\questionspace\par
5502 {\@answerstitlefont\@answerstitle}
5503 \begin{list}{\@answernumberfont\alph{choice}}~{\usecounter{choice}}{\%
5504 %% \end{question}
5505 \end{list}
5506 \@initorcheck%
5507 \addtocontents{frm}{\@formanswerline\protect\\protect\hline}%
5508 \addtocontents{msk}{\@maskanswerline\protect\\protect\hline}%
5509 \end{minipage}
5510 \stepcounter{question}}
5511 \def\@truesymbol{\ding{52}~}
5512 \def\@falsesymbol{\ding{56}~}
5513 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5514 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{#1}}
5515 \def\@true@nocorrection{\item}
5516 \def\@false@nocorrection{\item}
5517 \def\@true@correction{\item[\@truesymbol\refstepcounter{choice}]}
5518 \def\@false@correction{\item[\@falsesymbol\refstepcounter{choice}]}
5519 \newcommand\true{%
5520 \xdef\@formanswerline{\@formanswerline\&}%
5521 \xdef\@maskanswerline{\@maskanswerline\&\X}%
5522 \@true}%
5523 \newcommand>false{%
5524 \xdef\@formanswerline{\@formanswerline\&}%
5525 \xdef\@maskanswerline{\@maskanswerline\&}%
5526 \@false}%
5527 \def\@correctionstyle{\itshape}
5528 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5529 \newenvironment{correction}{\@correctionstyle}{\%
5530 \def\@questionheader{\thequestion}
5531 \answerstitle{:}
5532 \DeclareOption{nocorrection}{%
5533 \let\@true\@true@nocorrection
5534 \let\@false\@false@nocorrection
5535 \let\correction\comment
5536 \let\endcorrection\endcomment
5537 \def\makeform{\makeform@nocorrection}

```



```

5538 \def\makemask{\makemask@nocorrection}}
5539 \DeclareOption{correction}{%
5540 \let\@true\@true@correction
5541 \let\@false\@false@correction
5542 \let\correction\@correction
5543 \let\endcorrection\end@correction
5544 \def\makeform{\makeform@correction}
5545 \def\makemask{\makemask@correction}}
5546 \ExecuteOptions{nocorrection}
5547 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5548 \def\@questiontitlefont{\bfseries}
5549 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}
5550 \newlength\questiontitlespace
5551 \setlength\questiontitlespace{5pt}
5552 \newlength\questionsepspace
5553 \setlength\questionsepspace{20pt}
5554 \gdef\@questionsepspace{0pt}
5555 \let\oldquestion\question
5556 \let\oldendquestion\endquestion
5557 \renewenvironment{question}[1]{%
5558 %% \begin{question}
5559 \vspace\@questionsepspace
5560 \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5561 \nopagebreak\vspace\questiontitlespace\par
5562 \oldquestion{#1}}{%
5563 %% \end{question}
5564 \oldendquestion
5565 \gdef\@questionsepspace{\questionsepspace}}
5566 \questiontitle{ \thequestion:}
5567 \ProcessOptions

```

63 File xepersian-persiancal.sty

```

5568 \NeedsTeXFormat{LaTeX2e}
5569 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5570
5571 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5572 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5573 \newcount\XePersian@latini \newcount\XePersian@persiani
5574 \newcount\XePersian@latinii \newcount\XePersian@persianii
5575 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5576 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5577 \newcount\XePersian@latinvi \newcount\XePersian@persianv
5578 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5579 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5580 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5581 \newcount\XePersian@latinix \newcount\XePersian@persianix
5582 \newcount\XePersian@latinx \newcount\XePersian@persianx
5583 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5584 \newcount\XePersian@latinxii \newcount\XePersian@persianxii

```



```

5585 \newcount\XePersian@persianxiii
5586
5587 \newcount\XePersian@temp
5588 \newcount\XePersian@temptwo
5589 \newcount\XePersian@temptthree
5590 \newcount\XePersian@yModHundred
5591 \newcount\XePersian@thirtytwo
5592 \newcount\XePersian@dn
5593 \newcount\XePersian@sn
5594 \newcount\XePersian@mminusone
5595
5596
5597 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5598 \XePersian@temp=\XePersian@y
5599 \divide\XePersian@temp by 100\relax
5600 \multiply\XePersian@temp by 100\relax
5601 \XePersian@yModHundred=\XePersian@y
5602 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5603 \ifodd\XePersian@yModHundred
5604 \XePersian@leapfalse
5605 \else
5606 \XePersian@temp=\XePersian@yModHundred
5607 \divide\XePersian@temp by 2\relax
5608 \ifodd\XePersian@temp\XePersian@leapfalse
5609 \else
5610 \ifnum\XePersian@yModHundred=0%
5611 \XePersian@temp=\XePersian@y
5612 \divide\XePersian@temp by 400\relax
5613 \multiply\XePersian@temp by 400\relax
5614 \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5615 \else\XePersian@leaptrue
5616 \fi
5617 \fi
5618 \fi
5619 \XePersian@latini=31\relax
5620 \ifXePersian@leap
5621 \XePersian@latinii = 29\relax
5622 \else
5623 \XePersian@latinii = 28\relax
5624 \fi
5625 \XePersian@latiniii = 31\relax
5626 \XePersian@latiniv = 30\relax
5627 \XePersian@latinv = 31\relax
5628 \XePersian@latinvi = 30\relax
5629 \XePersian@latinvii = 31\relax
5630 \XePersian@latinviii = 31\relax
5631 \XePersian@latinix = 30\relax
5632 \XePersian@latinx = 31\relax
5633 \XePersian@latinxi = 30\relax
5634 \XePersian@latinxii = 31\relax

```



```

5635 \XePersian@thirtytwo=32\relax
5636 \XePersian@temp=\XePersian@y
5637 \advance\XePersian@temp by -17\relax
5638 \XePersian@temptwo=\XePersian@temp
5639 \divide\XePersian@temptwo by 33\relax
5640 \multiply\XePersian@temptwo by 33\relax
5641 \advance\XePersian@temp by -\XePersian@temptwo
5642 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalse
5643 \else
5644   \XePersian@temptwo=\XePersian@temp
5645   \divide\XePersian@temptwo by 4\relax
5646   \multiply\XePersian@temptwo by 4\relax
5647   \advance\XePersian@temp by -\XePersian@temptwo
5648   \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5649 \fi
5650 \XePersian@tempthree=\XePersian@y % Number of Leap years
5651 \advance\XePersian@tempthree by -1
5652 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5653 \divide\XePersian@temp by 4\relax
5654 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5655 \divide\XePersian@temptwo by 100\relax
5656 \advance\XePersian@temp by -\XePersian@temptwo
5657 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5658 \divide\XePersian@temptwo by 400\relax
5659 \advance\XePersian@temp by \XePersian@temptwo
5660 \advance\XePersian@tempthree by -611 % Number of Kabise years
5661 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5662 \divide\XePersian@temptwo by 33\relax
5663 \multiply\XePersian@temptwo by 8\relax
5664 \advance\XePersian@temp by -\XePersian@temptwo
5665 \XePersian@temptwo=\XePersian@tempthree %
5666 \divide\XePersian@temptwo by 33\relax
5667 \multiply\XePersian@temptwo by 33\relax
5668 \advance\XePersian@tempthree by -\XePersian@temptwo
5669 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T
5670 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5671 \advance\XePersian@temp by -\XePersian@tempthree
5672 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5673 \XePersian@persiani=31
5674 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5675 \XePersian@persianii = 30\relax
5676 \ifXePersian@kabiseh
5677   \XePersian@persianiii = 30\relax
5678 \else
5679   \XePersian@persianiii = 29\relax
5680 \fi
5681 \XePersian@persianiv = 31\relax
5682 \XePersian@persianv = 31\relax
5683 \XePersian@persianvi = 31\relax
5684 \XePersian@persianvii = 31\relax

```




```

5685 \XePersian@persianviii= 31\relax
5686 \XePersian@persianix = 31\relax
5687 \XePersian@persianx = 30\relax
5688 \XePersian@persianxi = 30\relax
5689 \XePersian@persianxii = 30\relax
5690 \XePersian@persianxiii= 30\relax
5691 \XePersian@dn= 0\relax
5692 \XePersian@sn= 0\relax
5693 \XePersian@mminusone=\XePersian@m
5694 \advance\XePersian@mminusone by -1\relax
5695 \XePersian@i=0\relax
5696 \ifnum\XePersian@i < \XePersian@mminusone
5697 \loop
5698 \advance \XePersian@i by 1\relax
5699 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5700 \ifnum\XePersian@i<\XePersian@mminusone \repeat
5701 \fi
5702 \advance \XePersian@dn by \XePersian@d
5703 \XePersian@i=1\relax
5704 \XePersian@sn = \XePersian@persiani
5705 \ifnum \XePersian@sn<\XePersian@dn
5706 \loop
5707 \advance \XePersian@i by 1\relax
5708 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5709 \ifnum \XePersian@sn<\XePersian@dn \repeat
5710 \fi
5711 \ifnum \XePersian@i < 4
5712 \XePersian@m = 9 \advance\XePersian@m by \XePersian@i
5713 \advance \XePersian@y by -622\relax
5714 \else
5715 \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5716 \advance \XePersian@y by -621\relax
5717 \fi
5718 \advance\XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i%
5719 \endcsname
5720 \ifnum\XePersian@i = 1
5721 \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance\XePersian@d by -\XePersian@
5722 \else
5723 \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5724 \fi
5725 \newcommand*{\persiantoday}{%
5726 \number\XePersian@d\space%
5727 \XePersian@persian@month{\XePersian@m}\space\number\XePersian@y%
5728 }
5729 \let\persianyear\XePersian@y
5730 \let\persianmonth\XePersian@m
5731 \let\persianday\XePersian@d
5732 \def\XePersian@persian@month#1{\ifcase#1\or or\
5733 or\
5734 or\ or\

```



5735 or\
5736 or\ or\
5737 or\ or\
5738 or\ or\
5739 {fi\



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