



The XePersian Package

Source documentation for version 21.9

*to my Master, **Ferdowsi The Great***

If you enjoy the xepersian package and want to support the project, then please consider donating to the project. It allows me to spend more time working on the xepersian package, encourages me to continue, and is the perfect way to say thank you!

If you reside outside Iran, you can use *My PayPal.Me* to donate to the xepersian package at

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If you want to report any bugs or typos and corrections in the documentation, or ask for any new features, or suggest any improvements, then please do not send any direct email to me; I will not answer any direct email. Instead please use the issue tracker:

<https://sourceforge.net/p/persian-tex-dist/tickets>

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

Please note that most of my spare time is pretty much occupied by T_EX development and as a result, I am afraid that I can not help users on a regular basis. Therefore, I ask all users to not email me and ask for help. However, there is a Persian T_EX mailing list where everyone can discuss Persian T_EX related topics, ask and/or answer questions. This mailing list is the default media for Persian T_EX communications. I will try my best to answer questions on this mailing list whenever I have time. You can subscribe to the mailing list at

<http://tug.org/mailman/listinfo/persiantex>

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The XePersian *Package*

Persian for L^AT_EX 2_ε, using XeT_EX engine

Source documentation for [version 21.9](#)

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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 bidentuftsidenote-xepersian.def

```

82 \ProvidesFile{bidentuftsidenote-xepersian.def}[2017/02/04 v0.3 xepersian changes to bidentufts
83
84 \setLTRcitationfont{\resetlatinfont\footnotesize}
85
86 \renewcommand*\@bidentuftsidenote@LTRmarginfont{\resetlatinfont\footnotesize}
87
88 \renewcommand*\@bidentuftsidenote@RTLmarginfont{\setpersianfont\footnotesize}
89
90

```



12 File bidimoderncv-xepersian.def

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

13 File boek3-xepersian.def

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

14 File boek-xepersian.def

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

15 File bookest-xepersian.def

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

16 File book-xepersian.def

```
123 \ProvidesFile{book-xepersian.def}[2010/07/25 v0.2 adaptations for standard book class]
124 \renewcommand\frontmatter{%
125   \cleardoublepage
126   \@mainmatterfalse
```



```

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

```

17 File breqn-xepersian.def

```

135 \ProvidesFile{breqn-xepersian.def}[2010/07/25 v0.1 adaptations for breqn package]
136 \def\@dmath[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
137 \everydisplay\expandafter{\the\everydisplay \display@setup}%
138 \if@noskipsec \leavevmode \fi
139 \if@inlabel \leavevmode \global\@inlabelfalse \fi
140 \if\eq@group\else\eq@prelim\fi
141 \setkeys{breqn}{#1}%
142 \the\eqstyle
143 \eq@setnumber
144 \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{      }{snlfnllocatcode}

```



```

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}

```



```

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

```

21 File enumerate-xepersian.def

```

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

```

22 File enumitem-xepersian.def

```

1205 \ProvidesFile{enumitem-xepersian.def}[2017/09/06 v0.1 adaptations for enumitem package]
1206 \AddEnumerateCounter*\tartibi\@tartibi{999999999}
1207 \AddEnumerateCounter*\adadi\@adadi{999999999}

```



```

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

```

23 File latex-localise-environments-xepersian.def

```

1216 \ProvidesFile{latex-localise-environments-xepersian.def}[2010/07/25 v0.2 Persian localisation
1217 \eqenvironment{ }\abstract}
1218 \eqenvironment{ }\appendix}
1219 \eqenvironment{ }\array}
1220 \eqenvironment{ }\center}
1221 \eqenvironment{ }\description}
1222 \eqenvironment{ }\displaymath}
1223 \eqenvironment{ }\document}
1224 \eqenvironment{ }\enumerate}
1225 \eqenvironment{ }\figure}
1226 \eqenvironment{ *}{figure*}
1227 \eqenvironment{ }\filecontents}
1228 \eqenvironment{ *}{filecontents*}
1229 \eqenvironment{ }\flushleft}
1230 \eqenvironment{ }\flushright}
1231 \eqenvironment{ }\itemize}
1232 \eqenvironment{ }\letter}
1233 \eqenvironment{ }\list}
1234 \eqenvironment{ }\longtable}
1235 \eqenvironment{ }\lrbox}
1236 \eqenvironment{ }\math}
1237 \eqenvironment{ }\matrix}
1238 \eqenvironment{ }\minipage}
1239 \eqenvironment{ }\multline}
1240 \eqenvironment{ }\note}
1241 \eqenvironment{ }\overlay}
1242 \eqenvironment{ }\picture}
1243 \eqenvironment{ }\quotation}
1244 \eqenvironment{ }\quote}
1245 \eqenvironment{ }\slide}
1246 \eqenvironment{ }\sloppypar}
1247 \eqenvironment{ }\split}
1248 \eqenvironment{ }\subarray}
1249 \eqenvironment{ }\tabbing}
1250 \eqenvironment{ }\table}
1251 \eqenvironment{ *}{table*}
1252 \eqenvironment{ }\tabular}
1253 \eqenvironment{ *}{tabular*}
1254 \eqenvironment{ }\thebibliography}

```



```

1255 \eqenvironment{      }{theindex}
1256 \eqenvironment{      }{titlepage}
1257 \eqenvironment{      }{trivlist}
1258 \eqenvironment{ }{verse}

```

24 File xepersian-localise-environments-xepersian.def

```

1259 \ProvidesFile{xepersian-localise-environments-xepersian.def}[2010/07/25 v0.1 Persian 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_cl
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 f
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{\KashidaXBFixOn}{\@Kashida@XB@fixtrue}
1647 \newcommand{\KashidaXBFixOff}{\@Kashida@XB@fixfalse}
1648 \KashidaOn

```

37 File listings-xepersian.def

```

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

```

38 File loadingorder-xepersian.def

```

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

```



```

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

```

39 File localise-xepersian.def

```

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

```



```

1707 \input{latex-localise-environments-xepersian.def}
1708 \input{xepersian-localise-environments-xepersian.def}
1709 \input{latex-localise-messages-xepersian.def}
1710 \input{latex-localise-misc-xepersian.def}
1711 \input{packages-localise-xepersian.def}
1712 \aliasfontfeature{ExternalLocation}{ }
1713 \aliasfontfeature{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 \@startpbox{\@nextchar}\insert@column \@endpbox \or

```



```

2045 \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
2046 \fi}\prepnext@tok}
2047 \def\adl@class@start{4}
2048 \def\adl@class@iiiorvii{7}
2049
2050 \else
2051 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
2052 \ifnum \@lastchclass=\thr@@ 5\relax \else
2053 \z@ \if #1c\@chnum \z@ \else
2054 \if @chnum\z@ #1 \else
2055 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
2056 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
2057 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
2058 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
2059 \@chclass
2060 \if #1|\@ne \let\@arrayrule\adl@arrayrule \else
2061 \if #1:\@ne \let\@arrayrule\adl@arraydashrule \else
2062 \if #1;\@ne \let\@arrayrule\adl@argarraydashrule \else
2063 \if #1@\tw@ \else
2064 \if #1p\thr@@ \else
2065 \if @@thr\ #1 \else\z@ \@preamerr 0\fi
2066 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
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@

```



[illegible]


```

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

```

44 File natbib-xepersian.def

```

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

```



```

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

```



```

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

```



```

2292 \@for\@citeb:=\NAT@cite@list\do
2293 {\@safe@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\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\cleardoubleoddpagel\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 tkz-linknodes-xepersian.def

```

2691 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes packa
2692 \renewcommand*{\@SetTab}{%
2693 \let\@alph\@latinalph%
2694 \ifnum \value{C@NumTab}>25\relax%
2695 \setcounter{C@NumTab}{1}%
2696 \else%
2697 \stepcounter{C@NumTab}%
2698 \fi%
2699 \setcounter{C@NumGroup}{0}%
2700 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2701 \setboolean{B@FirstLink}{true}
2702 \setboolean{B@NewGroup}{false}
2703 \setcounter{C@NumGroup}{0}
2704 \setcounter{C@CurrentGroup}{0}
2705 \setcounter{NumC@Node}{0}
2706 \setcounter{NumC@Stop}{0}
2707 \setcounter{C@NextNode}{0}
2708 \setcounter{C@CurrentStop}{0}

```



```

2709 \setcounter{C@CurrentNode}{0}
2710 }%

```

56 File tocloft-xepersian.def

```

2711 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2712 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2713 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2714 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}
2715 \renewcommand*{\cftsubsubsecname}{\if@RTL else\ subsubsection\fi}
2716 \renewcommand*{\cftparaname}{\if@RTL else\ paragraph\fi}
2717 \renewcommand*{\cftsubparaname}{\if@RTL else\ subparagraph\fi}
2718 \renewcommand*{\cftfigname}{\if@RTL else\ figure\fi}
2719 \renewcommand*{\cftsubfigname}{\if@RTL else\ subfigure\fi}
2720 \renewcommand*{\cfttabname}{\if@RTL else\ table\fi}
2721 \renewcommand*{\cftsubtabname}{\if@RTL else\ subtable\fi}

```

57 File varioref-xepersian.def

```

2722 \ProvidesFile{varioref-xepersian.def}[2018/09/29 v0.1 bilingual captions for varioref package]
2723 \def\reftextfaceafter{%
2724   \if@RTL
2725
2726 \reftextvario{ }{ }%
2727   \else
2728     on the \reftextvario{facing}{next} page%
2729   \fi
2730 }
2731 \def\reftextfacebefore{%
2732   \if@RTL
2733
2734 \reftextvario{ }{ }%
2735   \else
2736     on the \reftextvario{facing}{preceding} page%
2737   \fi
2738 }
2739 \def\reftextafter{%
2740   \if@RTL
2741
2742 \reftextvario{ }{ }%
2743   \else
2744     on the \reftextvario{following}{next} page%
2745   \fi
2746 }
2747 \def\reftextbefore{%
2748   \if@RTL
2749
2750 \reftextvario{ }{ }%
2751   \else
2752     on the \reftextvario{preceding}{previous} page%

```



```

2753 \fi
2754 }
2755 \def\reftextcurrent{%
2756 \if@RTL
2757
2758 \reftextvario{ }{ %
2759 \else
2760 on \reftextvario{this}{the current} page%
2761 \fi
2762 }
2763 \def\reftextfaraway#1{%
2764 \if@RTL
2765 %
2766 ~\pageref{#1}%
2767 \else
2768 on page~\pageref{#1}%
2769 \fi
2770 }
2771 \def\reftextpagerange#1#2{%
2772 \if@RTL
2773 %
2774 ~\pageref{#1}--\pageref{#2}%
2775 \else
2776 on pages~\pageref{#1}--\pageref{#2}%
2777 \fi
2778 }
2779 \def\reftextlabelrange#1#2{%
2780 \if@RTL
2781 \ref{#1} %ref{#2}\~
2782 \else
2783 \ref{#1} to~\ref{#2}%
2784 \fi
2785 }

```

58 File xepersian.sty

```

2786 \NeedsTeXFormat{LaTeX2e}
2787 \def\xepersian@version{21.9}
2788 \def\xepersiandate{2018/11/26}
2789 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2790 Persian typesetting in XeLaTeX]
2791 \RequirePackage{fontspec}
2792 \RequirePackage{xepersian-persiancal}
2793 \RequirePackage{xepersian-mathsdigitspec}
2794 \RequirePackage{bidi}
2795 \edef\@xepersian@info{*****~J%
2796 * ~J%
2797 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2798 * ~J%
2799 * Description: The package supports Persian~J%

```



```

2800 * typesetting, using fonts provided in the^^J%
2801 * distribution.^^J%
2802 * ^^J%
2803 * Copyright (c) 2008--2018 Vafa Khalighi^^J%
2804 * ^^J%
2805 * v\xepersian@version, \xepersiandate^^J%
2806 * ^^J%
2807 * License: LaTeX Project Public License, version^^J%
2808 * 1.3c or higher (your choice)^^J%
2809 * ^^J%
2810 * Location on CTAN: /macros/xetex/latex/xepersian^^J%
2811 * ^^J%
2812 * Issue tracker: https://sourceforge.net/p/persian-tex-dist/tickets^^J%
2813 * ^^J%
2814 * Support: http://tug.org/mailman/listinfo/persiantex^^J%
2815 * ^^J%
2816 *****}
2817 \typeout{\@xepersian@info}
2818 \edef\xepersian@everyjob{\the\everyjob}
2819 \everyjob{\xepersian@everyjob\typeout{\@xepersian@info}}
2820 \newcommand*\xepersianversion{
2821   {\ensurmath\xepersian@version}
2822 \newcommand*\IfxepersianPackageVersionLater}[1]{%
2823   \ifdim\xepersian@version pt > #1 pt %
2824     \expandafter\@firstoftwo
2825   \else
2826     \expandafter\@secondoftwo
2827   \fi}
2828 \newcommand*\IfxepersianPackageVersionBefore}[1]{%
2829   \ifdim\xepersian@version pt < #1 pt %
2830     \expandafter\@firstoftwo
2831   \else
2832     \expandafter\@secondoftwo
2833   \fi}
2834 \newcommand*\IfxepersianPackageVersion}[1]{%
2835   \ifdim\xepersian@version pt = #1 pt %
2836     \expandafter\@firstoftwo
2837   \else
2838     \expandafter\@secondoftwo
2839   \fi}
2840 \def\prq{«}
2841 \def\plq{»}
2842 \def\xepersian@cmds@temp#1{%
2843   \begingroup\expandafter\expandafter\expandafter\endgroup
2844   \expandafter\ifx\csname xepersian@#1\endcsname\relax
2845     \begingroup
2846       \escapechar=-1 %
2847       \edef\x{\expandafter\meaning\csname#1\endcsname}%
2848       \def\y{#1}%
2849       \def\z##1->{}%

```



```

2850     \edef\y{\expandafter\z\meaning\y}%
2851 \expandafter\endgroup
2852 \ifx\x\y
2853     \expandafter\def\csname xepersian@#1\expandafter\endcsname
2854     \expandafter{%
2855         \csname#1\endcsname
2856     }%
2857 \fi
2858 \fi
2859 }%
2860 \xepersian@cmds@temp{shellescape}
2861 \newif\ifwritexviii
2862 \ifnum\xepersian@shellescape=1\relax
2863     \writexviiitrue
2864 \else
2865     \writexviiifalse
2866 \fi
2867 \newfontscript{Persian}{arab}
2868 \newfontlanguage{Persian}{FAR}
2869 \ExplSyntaxOn
2870
2871 \DeclareDocumentCommand \settextfont { 0{} m 0{} }
2872 {
2873     \__xepersian_main_settextfont:nn {#1,#3} {#2}
2874     \ignorespaces
2875 }
2876 \cs_new:Nn \__xepersian_main_settextfont:nn
2877 {
2878     \fontspec_set_family:Nnn \l__xepersian_persianfont_family_tl {Script=Persian,Mapping=persian}
2879     \tl_set_eq:NN \rmdefault \l__xepersian_persianfont_family_tl
2880     \use:x { \exp_not:n { \DeclareRobustCommand \persianfont }
2881         {
2882             \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2883             \exp_not:N \fontfamily { \l__xepersian_persianfont_family_tl }
2884             \exp_not:N \selectfont
2885         }
2886     }
2887     \str_if_eq_x:nnT {\familydefault} {\rmdefault}
2888     { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2889     \__xepersian_settextfont_hook:nn {#1} {#2}
2890     \normalfont
2891 }
2892
2893 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2894
2895 \DeclareDocumentCommand \settextdigitfont { 0{} m 0{} }
2896 {
2897     \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2898     \ignorespaces
2899 }

```




```

2900 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2901 {
2902   \fontspec_set_family:Nnn \l__xepersian_textdigitfont_family_tl {Script=Persian,Mapping=persian}
2903   \use:x
2904   {
2905     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2906     {
2907       \exp_not:N \fontfamily { \l__xepersian_textdigitfont_family_tl }
2908       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2909       \exp_not:N \selectfont
2910     }
2911   }
2912   \__xepersian_settextdigitfont_hook:nn {#1} {#2}
2913   \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2914   \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@switch@textdigitfont}
2915   \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2916   \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2917   \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@switch@textdigitfont}
2918   \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInterC}
2919   \if@bidi@csundef{xepersian@D}{%
2920     \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2921     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textdigitfont}
2922     \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2923     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textdigitfont}
2924     \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2925     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textdigitfont}
2926     \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2927     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textdigitfont}
2928     \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2929     \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textdigitfont}
2930   }
2931   \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\else\if@nonlatin\fi\fi}
2932   \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\else\if@nonlatin\fi\fi}
2933 }
2934
2935 \cs_set_eq:NN \__xepersian_settextdigitfont_hook:nn \use_none:nn
2936
2937 \DeclareDocumentCommand \setdigitfont { O{} m O{} }
2938 {
2939   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2940   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2941   \ignorespaces
2942 }
2943
2944
2945 \DeclareDocumentCommand \setlatintextfont { O{} m O{} }
2946 {
2947   \__xepersian_main_setlatintextfont:nn {#1,#3} {#2}
2948   \ignorespaces
2949 }

```



```

2950 \cs_new:Nn \__xepersian_main_setlatintextfont:nn
2951 {
2952   \fontspec_set_family:Nnn \l__xepersian_latinfont_family_tl {Mapping=tex-text,#1} {#2}
2953   \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
2954     {
2955       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2956       \exp_not:N \fontfamily { \l__xepersian_latinfont_family_tl }
2957       \exp_not:N \selectfont
2958     }
2959   }
2960   \str_if_eq:x:nnT {\familydefault} {\rmdefault}
2961   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2962   \__xepersian_setlatintextfont_hook:nn {#1} {#2}
2963   \normalfont
2964 }
2965
2966 \cs_set_eq:NN \__xepersian_setlatintextfont_hook:nn \use_none:nn
2967
2968 \tl_set_eq:NN \setlatinsansfont \setsansfont
2969 \tl_set_eq:NN \setlatinmonofont \setmonofont
2970
2971 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
2972 {
2973   \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2974   \NewDocumentCommand
2975 }
2976 \DeclareDocumentCommand \redefpersianfont { m O{} m O{} }
2977 {
2978   \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2979   \RenewDocumentCommand
2980 }
2981 \cs_new:Nn \__xepersian_main_defpersianfont:nnnN
2982 {
2983   \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Persian,Mapping=tex-Persian}
2984   \use:x
2985   {
2986     \exp_not:N #4 \exp_not:N #1 {}
2987     {
2988       \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
2989       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2990       \exp_not:N \selectfont
2991     }
2992   }
2993 }
2994
2995 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
2996 {
2997   \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
2998   \NewDocumentCommand
2999 }

```



```

3000 \DeclareDocumentCommand \redeflatinfont { m 0{} m 0{} }
3001 {
3002   \_xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
3003   \RenewDocumentCommand
3004 }
3005 \cs_new:Nn \_xepersian_main_deflatinfont:nnnN
3006 {
3007   \fontspec_set_family:cn { l\_xepersian_ \cs_to_str:N #1 _family_tl } {Mapping=tex-text,#2}
3008   \use:x
3009   {
3010     \exp_not:N #4 \exp_not:N #1 {}
3011     {
3012       \exp_not:N \fontfamily { \use:c {l\_xepersian_ \cs_to_str:N #1 _family_tl } }
3013       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3014       \exp_not:N \selectfont
3015     }
3016   }
3017 }
3018
3019 \newcommand\persiansfdefault{}
3020 \newcommand\persianttdefault{}
3021 \newcommand\iranicsfdefault{}
3022 \newcommand\navarsfdefault{}
3023 \newcommand\pooksfdefault{}
3024 \newcommand\sayehsfdefault{}
3025 \DeclareRobustCommand\persiansffamily
3026   {\not@math@alphabet\persiansffamily\mathpersiansf
3027   \fontfamily\persiansfdefault\selectfont}
3028 \DeclareRobustCommand\persianttffamily
3029   {\not@math@alphabet\persianttffamily\mathpersiantt
3030   \fontfamily\persianttdefault\selectfont}
3031 \DeclareRobustCommand\iranicsffamily
3032   {\not@math@alphabet\iranicsffamily\mathiranics
3033   \fontfamily\iranicsfdefault\selectfont}
3034 \DeclareRobustCommand\navarsffamily
3035   {\not@math@alphabet\navarsffamily\mathnavar
3036   \fontfamily\navarsfdefault\selectfont}
3037 \DeclareRobustCommand\pooksffamily
3038   {\not@math@alphabet\pooksffamily\mathpook
3039   \fontfamily\pooksfdefault\selectfont}
3040 \DeclareRobustCommand\sayehsfamily
3041   {\not@math@alphabet\sayehsfamily\mathsayeh
3042   \fontfamily\sayehsfdefault\selectfont}
3043 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
3044 \DeclareTextFontCommand{\textpersiantt}{\persianttffamily}
3045 \DeclareTextFontCommand{\textiranics}{\iranicsffamily}
3046 \DeclareTextFontCommand{\textnavar}{\navarsffamily}
3047 \DeclareTextFontCommand{\textpook}{\pooksffamily}
3048 \DeclareTextFontCommand{\textsayeh}{\sayehsfamily}
3049

```



```

3050 \DeclareDocumentCommand \setpersiansansfont { 0{} m 0{} }
3051 {
3052   \_xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
3053   \ignorespaces
3054 }
3055 \cs_new:Nn \_xepersian_main_setpersiansansfont:nn
3056 {
3057   \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Persian,Mapping=per
3058   \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl
3059   \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
3060   {
3061     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3062     \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
3063     \exp_not:N \selectfont
3064   }
3065 }
3066 \str_if_eq:x:nnT {\familydefault} {\persiansfdefault}
3067 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3068 \_xepersian_setpersiansansfont_hook:nn {#1} {#2}
3069 \normalfont
3070 }
3071
3072 \cs_set_eq:NN \_xepersian_setpersiansansfont_hook:nn \use_none:nn
3073
3074 \DeclareDocumentCommand \setpersianmonofont { 0{} m 0{} }
3075 {
3076   \_xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
3077   \ignorespaces
3078 }
3079 \cs_new:Nn \_xepersian_main_setpersianmonofont:nn
3080 {
3081   \fontspec_set_family:Nnn \l__xepersian_persianttfamily_family_tl {Script=Persian,Mapping=per
3082   \tl_set_eq:NN \persianttdefault \l__xepersian_persianttfamily_family_tl
3083   \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
3084   {
3085     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3086     \exp_not:N \fontfamily { \l__xepersian_persianttfamily_family_tl }
3087     \exp_not:N \selectfont
3088   }
3089 }
3090 \str_if_eq:x:nnT {\familydefault} {\persianttdefault}
3091 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3092 \_xepersian_setpersianmonofont_hook:nn {#1} {#2}
3093 \normalfont
3094 }
3095
3096 \cs_set_eq:NN \_xepersian_setpersianmonofont_hook:nn \use_none:nn
3097
3098 \DeclareDocumentCommand \setnavarfont { 0{} m 0{} }
3099 {

```



```

3100   \_xepersian_main_setnavarfont:nn {#1,#3} {#2}
3101   \ignorespaces
3102 }
3103 \cs_new:Nn \_xepersian_main_setnavarfont:nn
3104 {
3105   \fontspec_set_family:Nnn \l__xepersian_navarfamilly_family_tl {Script=Persian,Mapping=persian
3106   \tl_set_eq:NN \navardefault \l__xepersian_navarfamilly_family_tl
3107   \use:x { \exp_not:n { \DeclareRobustCommand \navarfamilly }
3108   {
3109     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3110     \exp_not:N \fontfamily { \l__xepersian_navarfamilly_family_tl }
3111     \exp_not:N \selectfont
3112   }
3113 }
3114 \str_if_eq_x:nnT {\familydefault} {\navardefault}
3115   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3116   \_xepersian_setnavarfont_hook:nn {#1} {#2}
3117   \normalfont
3118 }
3119
3120 \cs_set_eq:NN \_xepersian_setnavarfont_hook:nn \use_none:nn
3121
3122 \DeclareDocumentCommand \setpookfont { 0{ } m 0{ } }
3123 {
3124   \_xepersian_main_setpookfont:nn {#1,#3} {#2}
3125   \ignorespaces
3126 }
3127 \cs_new:Nn \_xepersian_main_setpookfont:nn
3128 {
3129   \fontspec_set_family:Nnn \l__xepersian_pookfamily_family_tl {Script=Persian,Mapping=persian
3130   \tl_set_eq:NN \pookdefault \l__xepersian_pookfamily_family_tl
3131   \use:x { \exp_not:n { \DeclareRobustCommand \pookfamily }
3132   {
3133     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3134     \exp_not:N \fontfamily { \l__xepersian_pookfamily_family_tl }
3135     \exp_not:N \selectfont
3136   }
3137 }
3138 \str_if_eq_x:nnT {\familydefault} {\pookdefault}
3139   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3140   \_xepersian_setpookfont_hook:nn {#1} {#2}
3141   \normalfont
3142 }
3143
3144 \cs_set_eq:NN \_xepersian_setpookfont_hook:nn \use_none:nn
3145
3146 \DeclareDocumentCommand \setsayehfont { 0{ } m 0{ } }
3147 {
3148   \_xepersian_main_setsayehfont:nn {#1,#3} {#2}
3149   \ignorespaces

```



```

3150 }
3151 \cs_new:Nn \__xepersian_main_setsayehfont:nn
3152 {
3153   \fontspec_set_family:Nnn \l__xepersian_sayehfamily_family_tl {Script=Persian,Mapping=persian}
3154   \tl_set_eq:NN \sayehdefault \l__xepersian_sayehfamily_family_tl
3155   \use:x { \exp_not:n { \DeclareRobustCommand \sayehfamily }
3156     {
3157       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3158       \exp_not:N \fontfamily { \l__xepersian_sayehfamily_family_tl }
3159       \exp_not:N \selectfont
3160     }
3161   }
3162   \str_if_eq:x:nnT {\familydefault} {\sayehdefault}
3163     { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3164   \__xepersian_setsayehfont_hook:nn {#1} {#2}
3165   \normalfont
3166 }
3167
3168 \cs_set_eq:NN \__xepersian_setsayehfont_hook:nn \use_none:nn
3169
3170 \DeclareDocumentCommand \setiraniconfont { 0{} m 0{} }
3171 {
3172   \__xepersian_main_setiraniconfont:nn {#1,#3} {#2}
3173   \ignorespaces
3174 }
3175 \cs_new:Nn \__xepersian_main_setiraniconfont:nn
3176 {
3177   \fontspec_set_family:Nnn \l__xepersian_iranicfamily_family_tl {Script=Persian,Mapping=persian}
3178   \tl_set_eq:NN \iranicondefault \l__xepersian_iranicfamily_family_tl
3179   \use:x { \exp_not:n { \DeclareRobustCommand \iraniconfamily }
3180     {
3181       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3182       \exp_not:N \fontfamily { \l__xepersian_iranicfamily_family_tl }
3183       \exp_not:N \selectfont
3184     }
3185   }
3186   \str_if_eq:x:nnT {\familydefault} {\iranicondefault}
3187     { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3188   \__xepersian_setiraniconfont_hook:nn {#1} {#2}
3189   \normalfont
3190 }
3191
3192 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:nn \use_none:nn
3193
3194 \ExplSyntaxOff
3195 \def\resetlatinfont{%
3196 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3197 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3198 \def\xepersian@@fontsize@scale{%
3199   \strip@pt\dimexpr 1pt * \dimexpr

```



```

3200 \xepersian@@latin@fontsize@scale pt\relax
3201 / \dimexpr \@xepersian@@fontsize@scale pt\relax\relax
3202 }%
3203 \def\xepersian@@baselineskip@scale{%
3204 \strip@pt\dimexpr 1pt * \dimexpr
3205 \xepersian@@latin@baselineskip@scale pt\relax
3206 / \dimexpr \@xepersian@@baselineskip@scale pt\relax\relax
3207 }%
3208 \@nonlatinfalse%
3209 \let\normalfont\latinfont%
3210 \let\reset@font\normalfont%
3211 \latinfont%
3212 \fontsize\fontsize\font@size\font@baselineskip%
3213 \selectfont%
3214 \let\xepersian@@fontsize@scale\xepersian@@latin@fontsize@scale%
3215 \let\xepersian@@baselineskip@scale\xepersian@@latin@baselineskip@scale%
3216 }
3217 \def\setpersianfont{%
3218 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3219 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3220 \let\xepersian@@fontsize@scale\@one%
3221 \let\xepersian@@baselineskip@scale\@one%
3222 \@nonlatintrue%
3223 \let\normalfont\persianfont%
3224 \let\reset@font\normalfont%
3225 \persianfont%
3226 \fontsize\fontsize\font@size\font@baselineskip%
3227 \selectfont%
3228 \let\xepersian@@fontsize@scale\@xepersian@@fontsize@scale%
3229 \let\xepersian@@baselineskip@scale\@xepersian@@baselineskip@scale%
3230 }
3231 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
3232 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
3233 \def\latin{\LTR\LatinAlphs\@RTL@footnotefalse\resetlatinfont}
3234 \def\endlatin{\endLTR}
3235 \def\persian{\RTL\PersianAlphs\@RTL@footnotetrue\setpersianfont}
3236 \def\endpersian{\endRTL}
3237 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end{LATINITEMS}}
3238 \newenvironment{persianitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end{PERSIANITEMS}}
3239 \let\originaltoday=\today
3240 \def\latintoday{\lr{\originaltoday}}
3241 \def\today{\rl{\persiantoday}}
3242 \def \@LTRmarginparreset {%
3243 \reset@font
3244 \resetlatinfont
3245 \normalsize
3246 \@minipagetrue
3247 \everypar{\@minipagefalse\everypar{}\beginL}%
3248 }
3249 \DeclareRobustCommand\Latincite{%

```



```

3250 \@ifnextchar [{\@tempswatrue\@Latincitex}{\@tempswafalse\@Latincitex[]}]
3251 \def\@Latincitex[#1]#2{\leavevmode
3252 \let\@citea\@empty
3253 \@cite{\lr{\@for\@citeb:=#2\do
3254 {\@citea\def\@citea{\penalty\@m\ }%
3255 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
3256 \if@filesw\immediate\write\@auxout{\string\citation{\@citeb}}\fi
3257 \@ifundefined{b@\@citeb}{\hbox{\reset@font\bfseries ?}%
3258 \G@refundefinedtrue
3259 \@latex@warning
3260 {Citation `@\@citeb' on page \thepage \space undefined}}%
3261 {\@cite@ofmt{\csname b@\@citeb\endcsname}}}\{#1}}
3262
3263 \renewcommand*{\bidi@font@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
3264
3265 \newif\if@xepersian@@computeautoilg
3266 \newcount\xepersian@tcl
3267 \newdimen\xepersian@ilg
3268 \newdimen\xepersian@strutilg
3269 \chardef\f@ur=4
3270 \newcommand*\xepersian@computeautoilg{% compute the interline glue
3271 \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3272 \loop
3273 \iffontchar\font\xepersian@tcl
3274 \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\z@
3275 \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3276 \xepersian@ilg=\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3277 \fi
3278 \else
3279 \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl<\z@
3280 \ifdim-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3281 \xepersian@ilg=-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3282 \fi
3283 \fi
3284 \fi
3285 \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\z@
3286 \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3287 \xepersian@strutilg=\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl
3288 \fi
3289 \else
3290 \ifdim\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl<\z@
3291 \ifdim-\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3292 \xepersian@strutilg=-\XeTeXglyphbounds\f@ur \the\XeTeXcharglyph\xepersian@tcl
3293 \fi
3294 \fi
3295 \fi
3296 \fi
3297 \advance\xepersian@tcl\@ne
3298 \ifnum\xepersian@tcl<1792\repeat
3299 \advance\xepersian@strutilg\xepersian@ilg

```




```

3300 % \ifdim\xepersian@strutilg>\baselineskip
3301 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3302 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3303 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3304 % \selectfont
3305 % \fi
3306 }
3307
3308 \newif\if@textdigitfont@on
3309
3310 \newcommand{\TextDigitFontOn}{\@textdigitfont@ontrue}
3311 \newcommand{\TextDigitFontOff}{\@textdigitfont@onfalse}
3312
3313 \TextDigitFontOn
3314
3315 \newcommand*\xepersian@setlength[4]{%
3316     \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3317     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3318     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3319     \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3320     \else
3321     \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3322     \fi
3323     \else
3324     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3325     \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3326     \else
3327     \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3328     \fi
3329     \fi
3330     \else
3331     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3332     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3333     \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3334     \else
3335     \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3336     \fi
3337     \else
3338     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3339     \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3340     \else
3341     \setlength{#1}{#2 \@plus#3 \@minus#4}%
3342     \fi
3343     \fi
3344     \fi
3345 }
3346
3347 \newcommand*\setfontsize[2][1.2\@tempdima]{%
3348     \@defaultunits\@tempdima#2pt\relax\@nnil
3349     \setlength{\@tempdimc}{\@tempdima}%

```



```

3350 \addtolength{\@tempdimc}{-10\p@}%
3351 \edef\@ptsize{\strip@pt\@tempdimc}%
3352 \@defaultunits\@tempdimb#1pt\relax\@nnil
3353 \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3354 \edef\@tempb{\the\@tempdimc}%
3355 \setlength{\@tempdimc}{\@tempdima}%
3356 \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3357 \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3358 \xepersian@setlength{\abovedisplayskip}%
3359         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3360 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3361 \xepersian@setlength{\belowdisplayskip}%
3362         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3363 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3364 \edef\normalsize{%
3365     \noexpand\@setfontsize\noexpand\normalsize
3366     {\the\@tempdima}{\the\@tempdimb}%
3367     \abovedisplayskip \the\abovedisplayskip
3368     \abovedisplayskip \the\abovedisplayskip
3369     \belowdisplayskip \the\belowdisplayskip
3370     \belowdisplayskip \the\belowdisplayskip
3371     \let\noexpand\@listi\noexpand\@listI
3372 }%
3373 \setlength{\@tempdima}{0.9125\@tempdimc}%
3374 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3375 \xepersian@setlength{\abovedisplayskip}%
3376         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3377 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3378 \xepersian@setlength{\belowdisplayskip}%
3379         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3380 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3381 \edef\small{%
3382     \noexpand\@setfontsize\noexpand\small
3383     {\the\@tempdima}{\the\@tempdimb}%
3384     \abovedisplayskip \the\abovedisplayskip
3385     \abovedisplayskip \the\abovedisplayskip
3386     \belowdisplayskip \the\belowdisplayskip
3387     \belowdisplayskip \the\belowdisplayskip
3388     \let\noexpand\@listi\noexpand\@listi\small
3389 }%
3390 \setlength{\@tempdima}{.83334\@tempdimc}%
3391 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3392 \xepersian@setlength{\abovedisplayskip}%
3393         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3394 \xepersian@setlength{\abovedisplayskip}{\z@}{.25\@tempdimb}{\z@}%
3395 \xepersian@setlength{\belowdisplayskip}%
3396         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3397 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3398 \edef\footnotesize{%
3399     \noexpand\@setfontsize\noexpand\footnotesize

```



```

3400 {\the\@tempdima}{\the\@tempdimb}%
3401 \abovedisplayskip \the\abovedisplayskip
3402 \abovedisplayshortskip \the\abovedisplayshortskip
3403 \belowdisplayskip \the\belowdisplayskip
3404 \belowdisplayshortskip \the\belowdisplayshortskip
3405 \let\noexpand\@listi\noexpand\@listi@footnotesize
3406 }%
3407 \setlength{\@tempdima}{.6667\@tempdimc}%
3408 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3409 \edef\scriptsize{%
3410 \noexpand\setfontsize\noexpand\scriptsize
3411 {\the\@tempdima}{\the\@tempdimb}%
3412 }%
3413 \setlength{\@tempdima}{.5\@tempdimc}%
3414 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3415 \edef\tiny{%
3416 \noexpand\setfontsize\noexpand\tiny
3417 {\the\@tempdima}{\the\@tempdimb}%
3418 }%
3419 \setlength{\@tempdima}{1.2\@tempdimc}%
3420 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3421 \edef\large{%
3422 \noexpand\setfontsize\noexpand\large
3423 {\the\@tempdima}{\the\@tempdimb}%
3424 }%
3425 \setlength{\@tempdima}{1.44\@tempdimc}%
3426 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3427 \edef\Large{%
3428 \noexpand\setfontsize\noexpand\Large
3429 {\the\@tempdima}{\the\@tempdimb}%
3430 }%
3431 \setlength{\@tempdima}{1.728\@tempdimc}%
3432 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3433 \edef\LARGE{%
3434 \noexpand\setfontsize\noexpand\LARGE
3435 {\the\@tempdima}{\the\@tempdimb}%
3436 }%
3437 \setlength{\@tempdima}{2.074\@tempdimc}%
3438 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3439 \edef\huge{%
3440 \noexpand\setfontsize\noexpand\huge
3441 {\the\@tempdima}{\the\@tempdimb}%
3442 }%
3443 \setlength{\@tempdima}{2.488\@tempdimc}%
3444 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3445 \edef\Huge{%
3446 \noexpand\setfontsize\noexpand\Huge
3447 {\the\@tempdima}{\the\@tempdimb}%
3448 }%
3449 \normalsize

```



```

3450 \setlength{\@tempdimb}{\f@baselineskip}%
3451 \xepersian@setlength{\parsep}%
3452     {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3453 \xepersian@setlength{\topsep}%
3454     {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3455 \@tempswafalse
3456 \beginngroup
3457 \def\@list@extra{\aftergroup\@tempswatrue}%
3458 \csname @listi\endcsname
3459 \endgroup
3460 \edef\@listi{\leftmargin\leftmargini
3461 \topsep \the\topsep
3462 \parsep \the\parsep
3463 \itemsep \parsep
3464 \if@tempswa\noexpand\@list@extra\fi
3465 }%
3466 \let\@listI\@listi
3467 \xepersian@setlength{\parsep}%
3468     {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3469 \xepersian@setlength{\topsep}%
3470     {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3471 \@tempswafalse
3472 \beginngroup
3473 \def\@list@extra{\aftergroup\@tempswatrue}%
3474 \csname @listi\endcsname
3475 \endgroup
3476 \edef\@listi@small{\leftmargin\leftmargini
3477 \topsep \the\topsep
3478 \parsep \the\parsep
3479 \itemsep \parsep
3480 \if@tempswa\noexpand\@list@extra\fi
3481 }%
3482 \xepersian@setlength{\parsep}%
3483     {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3484 \xepersian@setlength{\topsep}%
3485     {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}%
3486 \@tempswafalse
3487 \beginngroup
3488 \def\@list@extra{\aftergroup\@tempswatrue}%
3489 \csname @listi\endcsname
3490 \endgroup
3491 \edef\@listi@footnotesize{\leftmargin\leftmargini
3492 \topsep \the\topsep
3493 \parsep \the\parsep
3494 \itemsep \parsep
3495 \if@tempswa\noexpand\@list@extra\fi
3496 }%
3497 \xepersian@setlength{\parsep}%
3498     {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3499 \xepersian@setlength{\topsep}%

```



```

3500          {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3501 \@tempswafalse
3502 \beginingroup
3503   \def\@list@extra{\aftergroup\@tempwattrue}%
3504   \csname @listii\endcsname
3505 \endgroup
3506 \edef\@listii{\leftmargin\leftmarginii
3507   \labelwidth=\dimexpr \leftmargin-\labelsep
3508   \topsep \the\topsep
3509   \parsep \the\parsep
3510   \itemsep \parsep
3511   \if@tempswa\noexpand\@list@extra\fi
3512 }%
3513   \xepersian@setlength{\topsep}%
3514     {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3515 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3516 \@tempswafalse
3517 \beginingroup
3518   \def\@list@extra{\aftergroup\@tempwattrue}%
3519   \csname @listiii\endcsname
3520 \endgroup
3521 \edef\@listiii{\leftmargin\leftmarginiii
3522   \labelwidth=\dimexpr \leftmargin-\labelsep
3523   \topsep \the\topsep
3524   \parsep \z@
3525   \partopsep \the\partopsep
3526   \itemsep \topsep
3527   \if@tempswa\noexpand\@list@extra\fi
3528 }%
3529 \@tempswafalse
3530 \beginingroup
3531   \def\@list@extra{\aftergroup\@tempwattrue}%
3532   \csname @listiv\endcsname
3533 \endgroup
3534 \edef\@listiv{\leftmargin\leftmarginiv
3535   \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3536   \if@tempswa\noexpand\@list@extra\fi
3537 }%
3538 \@tempswafalse
3539 \beginingroup
3540   \def\@list@extra{\aftergroup\@tempwattrue}%
3541   \csname @listv\endcsname
3542 \endgroup
3543 \edef\@listv{\leftmargin\leftmarginv
3544   \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3545   \if@tempswa\noexpand\@list@extra\fi
3546 }%
3547 \@tempswafalse
3548 \beginingroup
3549   \def\@list@extra{\aftergroup\@tempwattrue}%

```



```

3550 \csname @listvi\endcsname
3551 \endgroup
3552 \edef\@listvi{\leftmargin\leftmarginvi
3553 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3554 \if@tempswa\noexpand\@list@extra\fi
3555 }%
3556 \@listi
3557 \setlength{\@tempdimb}{\f@baselineskip}%
3558 \setlength{\footnotesep}{.555\@tempdimb}%
3559 \xepersian@setlength{\skip\footins}%
3560 { .75\@tempdimb}{.3333\@tempdimb}{.1667\@tempdimb}%
3561 \xepersian@setlength{\floatsep}%
3562 {\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3563 \xepersian@setlength{\textfloatsep}%
3564 {1.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3565 \setlength{\intextsep}{\floatsep}%
3566 \setlength{\dblfloatsep}{\floatsep}%
3567 \setlength{\dbltextfloatsep}{\textfloatsep}%
3568 \setlength{\@fptop}{\z@ \@plus 1fil}%
3569 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3570 \setlength{\@fpbot}{\@fptop}%
3571 \setlength{\@dblftop}{\@fptop}%
3572 \setlength{\@dblfpsep}{\@fpsep}%
3573 \setlength{\@dblfpbot}{\@fptop}%
3574 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3575 }
3576
3577 \renewcommand*{\@bidi@logo@}{%
3578 \bidi@logo@hb@xt@columnwidth
3579 {\hss\bfseries
3580
3581 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}}
3582
3583 \renewcommand*{\@bidi@pdfcreator}{%
3584 The xepersian package, v\xepersian@version, \xepersiandate
3585 }
3586
3587 \newcommand*{\@xepersian@pdfcustomproperties}{%
3588 This is the xepersian package, Version \xepersian@version,
3589 Released November 26, 2018.
3590 }
3591
3592 \newcommand\twocolumnstableofcontents{%
3593 \if@bidi@csundef{multi@column@out}{%
3594 \PackageError{xepersian}{Oops! you should load multicol package before xepersian package for b
3595 \begin{multicols}{2}[\section*{\contentsname}]{%
3596 \small
3597 \starttoc{toc}%
3598 \end{multicols}}}
3599 \bidi@newrobustcmd*{\XePersian}{\leavevmode$\smash{\hbox{X\lower.5ex

```



```

3600 \hbox{\kern-.125em\bidi@reflect@box{E}}Persian}}$}
3601 \def\figurename{\if@RTL else\ Figure\fi}
3602 \def\tablename{\if@RTL else\ Table\fi}
3603 \def\contentsname{\if@RTL else\ Contents\fi}
3604 \def\listfigurename{\if@RTL else\ List of Figures\fi}
3605 \def\listtablename{\if@RTL else\ List of Tables\fi}
3606 \def\appendixname{\if@RTL else\ Appendix\fi}
3607 \def\indexname{\if@RTL else\ Index\fi}
3608 \def\refname{\if@RTL else\ References\fi}
3609 \def\abstractname{\if@RTL else\ Abstract\fi}
3610 \def\partname{\if@RTL else\ Part\fi}
3611 \def\datename{\if@RTL else\ Date:\fi}
3612 \def\@and{\if@RTL else\ and\fi}
3613 \def\bibname{\if@RTL else\ Bibliography\fi}
3614 \def\chaptername{\if@RTL else\ Chapter\fi}
3615 \def\ccname{\if@RTL else\ cc\fi}
3616 \def\enclname{\if@RTL else\ encl\fi}
3617 \def\pagename{\if@RTL else\ Page\fi}
3618 \def\headtoname{\if@RTL else\ To\fi}
3619 \def\proofname{\if@RTL else\ Proof\fi}
3620 \def\@Abjad#1{%
3621 \ifcase#1\or or\ or\ or\ %
3622 \or or\ or\ or\ or\ %
3623 \or or\ or\ or\ or\ %
3624 \or or\ or\ or\ %
3625 \or or\ or\ or\ or\ %
3626 \or or\ or\ or\ or\ %
3627 \else\@ctrerr\fi}
3628 \def\Abjad#1{\expandafter\@Abjad\csname c@#1\endcsname}
3629 \let\Abjadnumeral\@Abjad
3630 \def\@harfi#1{\ifcase#1\or or\ or\ or\ or\ or\
3631 or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\
3632 or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerr\fi}
3633 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3634 \let\harfinumeral\@harfi
3635 \newcommand{\adadi}[1]{%
3636 \expandafter\@adadi\csname c@#1\endcsname%
3637 }
3638 \newcommand{\@adadi}[1]{%
3639 \xepersian@numberstring{#1}\xepersian@yekanii{ }{}%
3640 }
3641 \let\adadinumeral\@adadi%
3642 \def\xepersian@numberoutofrange#1#2{%
3643 \PackageError{xepersian}{The number `#1' is too large %
3644 to be formatted using xepersian}{The largest possible %
3645 number is 999,999,999.}%
3646 }
3647 \def\xepersian@numberstring#1#2#3#4{%
3648 \ifnum\number#1<\@ne%
3649 #3%

```



```

3650 \else\ifnum\number#1<1000000000 %
3651 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3652 \else%
3653 \xepersian@numberoutofrange{#1}{#4}%
3654 \fi\fi%
3655 }
3656 \def\xepersian@adadi#1#2{%
3657 \expandafter\xepersian@@adadi%
3658 \ifcase%
3659 \ifnum#1<10 1%
3660 \else\ifnum#1<100 2%
3661 \else\ifnum#1<\@m 3%
3662 \else\ifnum#1<\@M 4%
3663 \else\ifnum#1<100000 5%
3664 \else\ifnum#1<1000000 6%
3665 \else\ifnum#1<10000000 7%
3666 \else\ifnum#1<100000000 8%
3667 \else9%
3668 \fi\fi\fi\fi\fi\fi\fi\fi %
3669 \or00000000#1% case 1: Add 8 leading zeros
3670 \or0000000#1% case 2: Add 7 leading zeros
3671 \or000000#1% case 3: Add 6 leading zeros
3672 \or00000#1% case 4: Add 5 leading zeros
3673 \or0000#1% case 5: Add 4 leading zeros
3674 \or000#1% case 6: Add 3 leading zeros
3675 \or00#1% case 7: Add 2 leading zeros
3676 \or0#1% case 8: Add 1 leading zero
3677 \or#1% case 9: Add no leading zeros
3678 \or%
3679 \@nil#2%
3680 \fi%
3681 }
3682 \def\xepersian@@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3683 \ifnum#1#2#3>\z@
3684 \xepersian@milyoongan#1#2#3%
3685 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3686 \fi%
3687 \ifnum#4#5#6>\z@%
3688 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3689 \ifnum#4#5#6>\@ne\fi%
3690 %
3691 \ifnum#7>\z@\ \fi%
3692 \fi%
3693 \xepersian@sadgan#7{#4#5#6}1#9%
3694 }
3695 \def\xepersian@milyoongan#1#2#3{%
3696 \ifnum#1#2#3=\@ne%
3697 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3698 %
3699 %

```




```

3700 \else%
3701 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3702 %
3703 %
3704 \fi%
3705 }
3706 \def\xepersian@sadgan#1#2#3#4#5#6{%
3707 \ifnum#1>\z@%
3708 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3709 %
3710 \ifnum#2#3>\z@ \fi%
3711 \fi%
3712 \ifnum#2#3<20%
3713 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3714 \else%
3715 \xepersian@dahgan#2%
3716 \ifnum#3>\z@ \xepersian@yekani#3\fi%
3717 #60%
3718 \fi%
3719 }
3720 \def\xepersian@yekani#1{%
3721 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3722 \or or\ or\ or\ or\ or\ or\ %
3723 \or or\ or\ or\ %
3724 \or or\ %fi\
3725 }
3726 \def\xepersian@yekanii#1{%
3727 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3728 }
3729 \def\xepersian@yekanii#1{%
3730 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3731 }
3732 \def\xepersian@yekaniv#1{%
3733 \ifcase#1\@empty\or or\ or\ or\ or\ %
3734 \or or\ or\ %fi\
3735 }
3736 \def\xepersian@dahgan#1{%
3737 \ifcase#1\or or\ or\ %
3738 \or or\ or\ %
3739 \or %fi\
3740 }
3741 \newcommand{\tartibi}[1]{%
3742 \expandafter\@tartibi\csname c@#1\endcsname%
3743 }
3744 \newcommand{\@tartibi}[1]{%
3745 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{ }%
3746 }
3747 \let\tartibinumeral\@tartibi%
3748 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3749 \ifnum\number#1<\@ne%

```



```

3750 #3%
3751 \else\ifnum\number#1<1000000000 %
3752 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3753 \else%
3754 \xepersian@numberoutofrange{#1}{#4}%
3755 \fi\fi%
3756 }
3757 \def\xepersian@adadi@tartibi#1#2{%
3758 \expandafter\xepersian@@adadi@tartibi%
3759 \ifcase%
3760 \ifnum#1<10 1%
3761 \else\ifnum#1<100 2%
3762 \else\ifnum#1<\@m 3%
3763 \else\ifnum#1<\@M 4%
3764 \else\ifnum#1<100000 5%
3765 \else\ifnum#1<1000000 6%
3766 \else\ifnum#1<10000000 7%
3767 \else\ifnum#1<100000000 8%
3768 \else9%
3769 \fi\fi\fi\fi\fi\fi\fi\fi %
3770 \or00000000#1% case 1: Add 8 leading zeros
3771 \or0000000#1% case 2: Add 7 leading zeros
3772 \or000000#1% case 3: Add 6 leading zeros
3773 \or00000#1% case 4: Add 5 leading zeros
3774 \or0000#1% case 5: Add 4 leading zeros
3775 \or000#1% case 6: Add 3 leading zeros
3776 \or00#1% case 7: Add 2 leading zeros
3777 \or0#1% case 8: Add 1 leading zero
3778 \or#1% case 9: Add no leading zeros
3779 \or%
3780 \@nil#2%
3781 \fi%
3782 }
3783 \def\xepersian@@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3784 \ifnum#1#2#3>\z@
3785 \xepersian@milyoongan@tartibi#1#2#3%
3786 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3787 \fi%
3788 \ifnum#4#5#6>\z@%
3789 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3790 \ifnum#4#5#6>\@ne \fi%
3791 %
3792 \ifnum#7>\z@\ \fi%
3793 \fi%
3794 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3795 }
3796 \def\xepersian@milyoongan@tartibi#1#2#3{%
3797 \ifnum#1#2#3=\@ne%
3798 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3799 %

```



```

3800 %
3801 \else%
3802 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3803 %
3804 %
3805 \fi%
3806 }
3807 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3808 \ifnum#1>\z@%
3809 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3810 %
3811 \ifnum#2#3>\z@\ \fi%
3812 \fi%
3813 \ifnum#2#3<20%
3814 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3815 \else%
3816 \ifnum#2#3=30%
3817 \xepersian@dahgan@tartibi#2%
3818 \else%
3819 \xepersian@dahgan#2%
3820 \fi%
3821 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3822 #60%
3823 \fi%
3824 }
3825 \def\xepersian@dahgan@tartibi#1{%
3826 \ifcase#1\or\or or\ or\ %
3827 \or or\ or\ or\ %
3828 \or %fi\
3829 }
3830 \def\xepersian@tartibi#1{%
3831 \ifcase#1\or or\ or\ or\ %
3832 \or or\ or\ or\ or\ %
3833 \or or\ or\ or\ %
3834 \or or\ or\ %
3835 \or or\ or\ %fi\
3836 }
3837 \def\xepersian@yekanv#1{%
3838 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3839 \or or\ or\ or\ or\ or\ or\ %
3840 \or or\ or\ or\ %
3841 \or or\ %fi\
3842 }
3843 \providecommand*{\xpg@warning}[1]{%
3844 \PackageWarning{XePersian}%
3845 {#1}}
3846 \if@bidi@csundef{abjad}{%
3847 \def\@abjad#1{%
3848 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3849 \else

```



```

3850 \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3851 \else
3852 \ifnum#1<10\expandafter\abj@num@i\number#1%
3853 \else
3854 \ifnum#1<100\expandafter\abj@num@ii\number#1%
3855 \else
3856 \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3857 \else
3858 \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3859 \fi
3860 \fi
3861 \fi
3862 \fi
3863 \fi
3864 \fi
3865 }
3866 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3867 \let\abjadnumeral\@abjad
3868 \def\abjad@zero{}
3869 \def\abj@num@i#1{%
3870 \ifcase#1\or or\ or\ or\ %
3871 \or or\ or\ or\ or\ fi\
3872 \ifnum#1=\z@\abjad@zero\fi}
3873 \def\abj@num@ii#1{%
3874 \ifcase#1\or or\ or\ or\ or\ %
3875 \or or\ or\ or\ or\ fi\
3876 \ifnum#1=\z@\fi\abj@num@i}
3877 \def\abj@num@iii#1{%
3878 \ifcase#1\or or\ or\ or\ or\ %
3879 \or or\ or\ or\ or\ fi\
3880 \ifnum#1=\z@\fi\abj@num@ii}
3881 \def\abj@num@iv#1{%
3882 \ifcase#1\or fi\
3883 \ifnum#1=\z@\fi\abj@num@iii}
3884 }{}
3885 \let\@latinalph\@alph%
3886 \let\@latinAlph\@Alph%
3887 \def\LatinAlphs{%
3888 \let\@alph\@latinalph%
3889 \let\@Alph\@latinAlph%
3890 }
3891 \def\thempfootnote{{\itshape\@latinalph\c@mpfootnote}}
3892 \renewcommand*{\bidi@thebibliography@font@hook}{%
3893 \if@LTRbibitems
3894 \resetlatinfont
3895 \fi}
3896 \bidi@AfterEndPreamble{%
3897 \if@bidi@csundef{persianfont}{%
3898 \PackageError{xepersian}{You have not specified any font\MessageBreak
3899 for the main Persian text}{Use \settextfont' to load a font.}%

```



```

3900 }{}
3901 \@ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3902 \@ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3903 \@ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3904 \@ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3905 \@ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3906 \@ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3907 \@ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3908 \@ifpackageloaded{fancyref}{\input{fancyref-xepersian.def}}{}
3909 \@ifpackageloaded{bidituftesidenote}{\input{bidituftesidenote-xepersian.def}}{}
3910 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3911 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3912 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3913 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3914 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3915 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3916 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3917 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3918 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3919 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3920 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}{}{\input{tocloft-xepersian.def}}{}{}}
3921 \@ifpackageloaded{varioref}{\input{varioref-xepersian.def}}{}
3922 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3923 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3924 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3925 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3926 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3927 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3928 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3929 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3930 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3931 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3932 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3933 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3934 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3935 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3936 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3937 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
3938 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}
3939 \@ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3940 \@ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3941 \@ifclassloaded{book}{\input{book-xepersian.def}}{}
3942 \@ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
3943 \@ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3944 \@ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3945
3946 \def\xepersian@fontsize@branch#1{%
3947   \@tempcnta\z@
3948   \@for\xepersian@tmp:=#1\do{%
3949     \KV@sp@def\xepersian@frag{\xepersian@tmp}%

```



```

3950 \ifcase\@tempcnta\relax% cnta == 0
3951 \edef\xepersian@value{\xepersian@frag}%
3952 \setfontsize{\xepersian@frag}%
3953 \or% cnta == 1
3954 \setfontsize[\xepersian@frag]{\xepersian@value}%
3955 \else\fi
3956 \advance\@tempcnta\@ne}%
3957 }
3958
3959
3960 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default
3961 \ifcase\xepersian@tempb\relax
3962 \AutoMathsDigits
3963 \or
3964 \DefaultMathsDigits
3965 \or
3966 \PersianMathsDigits
3967 \fi}
3968 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3969 \ifcase\xepersian@tempb\relax
3970 \AutoInlineMathsDigits
3971 \or
3972 \DefaultInlineMathsDigits
3973 \or
3974 \PersianInlineMathsDigits
3975 \fi}
3976 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3977 \ifcase\xepersian@tempb\relax
3978 \AutoDisplayMathsDigits
3979 \or
3980 \DefaultDisplayMathsDigits
3981 \or
3982 \PersianDisplayMathsDigits
3983 \fi}
3984 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3985 \ifcase\xepersian@tempb\relax
3986 \@RTLtrue
3987 \or
3988 \@RTLfalse
3989 \fi}
3990
3991 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttol
3992 \ifcase\xepersian@tempb\relax
3993 \@RTLtrue
3994 \or
3995 \@RTLfalse
3996 \fi}
3997
3998
3999 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft

```



```

4000 \ifcase\xepersian@tempb\relax
4001   \@RTLtabtrue
4002 \or
4003   \@RTLtabfalse
4004 \fi}
4005
4006 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[lat
4007 \ifcase\xepersian@tempb\relax
4008   \@nonlatinfalse
4009 \or
4010   \@nonlatintrue
4011 \fi}
4012
4013 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4014 \ifcase\xepersian@tempb\relax
4015   \@RTLtrue
4016 \or
4017   \@RTLfalse
4018 \fi}
4019 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,lef
4020 \ifcase\xepersian@tempb\relax
4021   \autofootnoterule
4022 \or
4023   \leftfootnoterule
4024 \or
4025   \rightfootnoterule
4026 \or
4027   \SplitFootnoteRule
4028 \or
4029   \textwidthfootnoterule
4030 \fi}
4031 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{righttol
4032 \ifcase\xepersian@tempb\relax
4033   \@RTL@footnotetrue
4034 \or
4035   \@RTL@footnotefalse
4036 \fi}
4037 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,
4038 \ifcase\xepersian@tempb\relax
4039   \footdir@debugtrue
4040 \or
4041   \footdir@debugfalse
4042 \fi}
4043 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4044 \ifcase\xepersian@tempb\relax
4045   \input{kashida-xepersian.def}
4046 \fi}
4047 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4048 \ifcase\xepersian@tempb\relax
4049   \@Kashida@XB@fixtrue

```



```

4050 \or
4051 \Kashida@XB@fixfalse
4052 \fi}
4053 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4054 \ifcase\xepersian@tempb\relax
4055 \input{localise-xepersian.def}
4056 \fi}
4057 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,o
4058 \ifcase\xepersian@tempb\relax
4059 \@extrafootnotefeaturestrue
4060 \or
4061 \@extrafootnotefeaturesfalse
4062 \fi}
4063 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4064 \ifcase\xepersian@tempb\relax
4065 \PackageWarning{xepersian}{Obsolete option}%
4066 \ifwritexviii%
4067 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4068 \renewcommand\printindex{\newpage%
4069 \immediate\closeout\@indexfile
4070 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
4071 \@input@{\jobname.ind}}}%
4072 \else
4073 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
4074 \fi
4075 \fi}
4076 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off
4077 \ifcase\xepersian@tempb\relax
4078 \ifwritexviii%
4079 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4080 \renewcommand\printindex{\newpage%
4081 \immediate\closeout\@indexfile
4082 \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
4083 \@input@{\jobname.ind}}}%
4084 \else
4085 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4086 \fi
4087 \fi}
4088 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off
4089 \ifcase\xepersian@tempb\relax
4090 \ifwritexviii%
4091 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4092 \renewcommand\printindex{\newpage%
4093 \immediate\closeout\@indexfile
4094 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4095 \@input@{\jobname.ind}}}%
4096 \else
4097 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4098 \fi
4099 \fi}

```




```

4100 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
4101   \ifcase\xepersian@tempb\relax
4102     \def\PersianAlphs{%
4103       \let\@alph\@abjad%
4104       \let\@Alph\@abjad%
4105     }
4106   \or
4107     \def\PersianAlphs{%
4108       \let\@alph\@Abjad%
4109       \let\@Alph\@Abjad%
4110     }
4111   \fi}
4112 \DeclareOptionX{defaultlatinfontfeatures}{%
4113   \defaultfontfeatures
4114   [\latinfont]
4115   {#1}
4116 }
4117
4118 \DeclareOptionX{mathfontssize}{%
4119   \def\xepersian@@math@fontsize@scale{#1}%
4120 }
4121
4122 \DeclareOptionX{fontssize}{%
4123   \def\xepersian@@fontsize@scale{#1}%
4124 }
4125
4126 \DeclareOptionX{fontsize}{%
4127   \xepersian@@fontsize@branch{#1}%
4128 }
4129
4130 \DeclareOptionX{latinfontssize}{%
4131   \def\xepersian@@latin@fontsize@scale{#1}%
4132 }
4133
4134 \DeclareOptionX{baselineskip}{%
4135   \def\xepersian@@baselineskip@scale{#1}%
4136 }
4137
4138 \DeclareOptionX{latinbaselineskip}{%
4139   \def\xepersian@@latin@baselineskip@scale{#1}%
4140 }
4141
4142 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4143   \ifcase\xepersian@tempb\relax
4144     \AtBeginDocument{\@bidi@inslogo}%
4145   \or
4146     \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
4147   \fi}
4148
4149 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%

```



```

4150 \ifcase\xepersian@tempb\relax
4151 \@bidi@pdfm@marktrue
4152 \or
4153 \@bidi@pdfm@markfalse
4154 \fi}
4155
4156 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]
4157 \ifcase\xepersian@tempb\relax
4158 \@xepersian@@computeautoilgtrue
4159 \or
4160 \@xepersian@@computeautoilgfalse
4161 \fi}
4162
4163 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4164 \ifcase\xepersian@tempb\relax
4165 \def\bidi@firstcolumn@status@write{%
4166 \protected@write\@auxout{%
4167 \string\bidi@column@status
4168 {1}}}%
4169 \def\bidi@lastcolumn@status@write{%
4170 \protected@write\@auxout{%
4171 \string\bidi@column@status{2}}}%
4172 \or
4173 \let\bidi@firstcolumn@status@write\relax
4174 \let\bidi@lastcolumn@status@write\relax
4175 \fi}
4176
4177
4178 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}
4179 \ifcase\xepersian@tempb\relax
4180 \bidi@AtEndPreamble{%
4181 \bidi@patchcmd{\xepersian@@start@switch@textdigitfont}%
4182 {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{}{}%
4183 }
4184 \or
4185 \relax
4186 \fi}
4187
4188 \define@choicekey{xepersian.sty}{perpagefootnote}[\xepersian@tempa\xepersian@tempb]{on,off}[on]
4189 \ifcase\xepersian@tempb\relax
4190 \@bidi@perpage@footnotetrue
4191 \or
4192 \@bidi@perpage@footnotefalse
4193 \fi}
4194
4195 \ExplSyntaxOn
4196 \bool_new:N \l__xepersian_fontsloadable_bool
4197 \define@choicekey{xepersian.sty}{fontsloadable}[\xepersian@tempa\xepersian@tempb]{true,false}[
4198 \ifcase\xepersian@tempb\relax
4199 \bool_set_true:N \l__xepersian_fontsloadable_bool

```



```

4200 \or
4201 \bool_set_false:N \l__xepersian_fontsloadable_bool
4202 \fi}
4203 \ExplSyntaxOff
4204
4205 \ExecuteOptionsX{%
4206     fontsloadable=false,
4207     documentdirection=righttoleft,
4208     tabledirection=righttoleft,
4209     script=nonlatin,
4210     footnotedirection=righttoleft,
4211     footnoterule=automatic,
4212     abjadvariant=two,
4213     DetectColumn=off,
4214     fontsizescale=\@ne,
4215     latinfontsizescale=\@ne,
4216     mathfontsizescale=\@ne,
4217     baselineskip scale=\@ne,
4218     latinbaselineskip scale=\@ne
4219 }
4220
4221 \ProcessOptionsX
4222
4223 \if@extrafootnotefeatures
4224 \input{extrafootnotefeatures-xetex-bidi.def}%
4225 \input{extrafootnotefeatures-xepersian.def}%
4226 \fi
4227
4228 \ExplSyntaxOn
4229 \bool_if:NF \l__xepersian_fontsloadable_bool
4230 {
4231 \input{fontspec-xepersian.def}%
4232 }
4233 \ExplSyntaxOff
4234
4235 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
4236 \@tempdimb\xepersian@@fontsize@scale\dimexpr#2pt\relax
4237 }{}{}
4238
4239 \bidi@patchcmd{\set@fontsize}{\@tempskipa#3pt}{%
4240 \@tempskipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
4241 }{}{}
4242
4243
4244 \newcommand*{\xepersian@@update@math@fontsize}[1]{%
4245 \strip@pt\dimexpr\xepersian@@math@fontsize@scale
4246 \dimexpr 1pt * \dimexpr #1 pt\relax /
4247 \dimexpr \xepersian@@fontsize@scale pt\relax
4248 \relax\relax
4249 }

```



```

4250
4251 \bidi@patchcmd{\getanddefine@fonts}{%
4252   \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
4253 }{%
4254   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
4255 }{}{}
4256
4257 \bidi@patchcmd{\getanddefine@fonts}{%
4258   \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
4259 }{%
4260   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sf@size\endcsname}%
4261 }{}{}
4262
4263 \bidi@patchcmd{\getanddefine@fonts}{%
4264   \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
4265 }{%
4266   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\ssf@size\endcsname}%
4267 }{}{}
4268
4269
4270 \ifxepersian@@computeautoilg
4271 \bidi@patchcmd{\set@fontsize}{%
4272 \baselineskip\font@baselineskip\relax
4273 }{%
4274 \baselineskip\font@baselineskip\relax
4275 \xepersian@computeautoilg
4276 \ifdim\xepersian@strutilg>\baselineskip
4277   \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
4278   \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
4279   \baselineskip\xepersian@strutilg
4280   \ifdim\footnotesep=.7\baselineskip
4281     \else
4282       \footnotesep=.7\baselineskip
4283     \fi
4284   \fi
4285 }{}{}
4286 \fi
4287
4288 \setlatintextfont[ExternalLocation,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-boldita}
4289 \PersianAlphs

```

59 File xepersian-magazine.cls

```

4290 \NeedsTeXFormat{LaTeX2e}
4291 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
4292 \RequirePackage{ifthen}
4293 \newlength{\xepersian@imgsize}
4294 \newlength{\xepersian@coltitsize}
4295 \newlength{\xepersian@pageneed}
4296 \newlength{\xepersian@pageleft}

```



```

4297 \newlength{\xepersian@indexwidth}
4298 \newcommand{\xepersian@ncolumns}{0}
4299 \newlength{\columnlines}
4300 \setlength{\columnlines}{0 pt} % no lines by default
4301 \newboolean{xepersian@hyphenatedtitles}
4302 \setboolean{xepersian@hyphenatedtitles}{true}
4303 \newboolean{xepersian@ninepoints}
4304 \setboolean{xepersian@ninepoints}{false}
4305 \newboolean{xepersian@showgrid}
4306 \setboolean{xepersian@showgrid}{false}
4307 \newboolean{xepersian@a3paper}
4308 \setboolean{xepersian@a3paper}{false}
4309 \newboolean{xepersian@insidefrontpage}
4310 \setboolean{xepersian@insidefrontpage}{false}
4311 \newboolean{xepersian@insideweather}
4312 \setboolean{xepersian@insideweather}{false}
4313 \newboolean{xepersian@insideindex}
4314 \setboolean{xepersian@insideindex}{false}
4315 \newcount\xepersian@gridrows
4316 \newcount\xepersian@gridcolumns
4317 \xepersian@gridrows=40
4318 \xepersian@gridcolumns=50
4319 \newcount\minraggedcols
4320 \minraggedcols=5
4321 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4322 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4323 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4324 \DeclareOption{twocolumn}%
4325 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4326 \DeclareOption{notitlepage}%
4327 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4328 \DeclareOption{twoside}%
4329 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4330 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4331 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4332 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4333 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4334 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}
4335 \ProcessOptions\relax
4336 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4337 \RequirePackage{ifxetex}
4338 \RequirePackage{multido}
4339 \RequirePackage{datetime}
4340 \RequirePackage{multicol}
4341 \RequirePackage{fancyhdr}
4342 \RequirePackage{fancybox}
4343 \ifthenelse{\boolean{xepersian@a3paper}}{%
4344 \RequirePackage[a3paper, headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4345 }{
4346 \RequirePackage[headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}

```



```

4347 }
4348 \RequirePackage[absolute]{textpos} % absolute positioning
4349 \RequirePackage{hyphenat} % when hyphenate
4350 \RequirePackage{lastpage} % to know the last page number
4351 \RequirePackage{setspace} % set space between lines
4352 \RequirePackage{ragged2e}
4353 \newcommand{\raggedFormat}{\RaggedLeft}
4354 \AtEndOfClass{\xepersianInit}
4355 \ifthenelse{\boolean{xepersian@showgrid}}{%
4356 \AtBeginDocument{
4357 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4358 \advance\minraggedcols by -1
4359 }{%
4360 \AtBeginDocument{
4361 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4362 \advance\minraggedcols by -1
4363 }
4364 \ifthenelse{\boolean{xepersian@ninepoints}}{%
4365 \renewcommand{\normalsize}{%
4366 \setfontsize{\normalsize}{9pt}{10pt}%
4367 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4368 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4369 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4370 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4371
4372 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4373
4374 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4375
4376 \renewcommand{\small}{%
4377 \setfontsize{\small}{8pt}{9pt}%
4378 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4379 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4380 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4381 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4382
4383 \renewcommand{\footnotesize}{%
4384 \setfontsize{\footnotesize}{8pt}{9pt}%
4385 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4386 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4387 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4388 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4389
4390 \renewcommand{\large}{\setfontsize{\large}{11pt}{13pt}}
4391 \renewcommand{\Large}{\setfontsize{\Large}{14pt}{18pt}}
4392 \renewcommand{\LARGE}{\setfontsize{\LARGE}{18pt}{20pt}}
4393 \renewcommand{\huge}{\setfontsize{\huge}{20pt}{25pt}}
4394 \renewcommand{\Huge}{\setfontsize{\Huge}{25pt}{30pt}}
4395 }{}
4396 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}

```



```

4397 \newcommand{\xepersian@wwwFormat}{\sffamily}
4398 \newcommand{\xepersian@www}{%
4399 \raisebox{-3pt}{\xepersian@wwwFormat\@customwwwTxt}}
4400 }
4401 \newcommand{\xepersian@edition}{ {
4402 \newcommand{\editionFormat}{\large\bfseries\texttt}
4403 \newcommand{\xepersian@editionLogo}{%
4404 \raisebox{-3pt}{%
4405 {\editionFormat\xepersian@edition}%
4406 }%
4407 }
4408 \newcommand{\indexFormat}{\large\bfseries}
4409 \newcommand{\xepersian@indexFrameTitle}[1]
4410 {\begin{flushright}{\indexFormat #1}\end{flushright}}
4411
4412 \newcommand{\indexEntryFormat}{\normalsize}
4413 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4414 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4415 \end{minipage}}
4416 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4417 \newcommand{\indexEntryPageTxt}{ }
4418 \newcommand{\indexEntryPageFormat}{\footnotesize}
4419 \newcommand{\xepersian@indexEntryPage}[1]{%
4420 {\indexEntryPageFormat{\indexEntryPageTxt{~#1}}}%
4421 }
4422 \newcommand{\headDateTimeFormat}{ }
4423 \newcommand{\xepersian@headDateTime}{%
4424 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4425 \currenttime %
4426 }
4427 \newcommand{\weatherFormat}{\bfseries}
4428 \newcommand{\xepersian@weather}[1]{%
4429 \noindent{\weatherFormat #1}%
4430 }
4431 \newcommand{\weatherTempFormat}{\small}
4432 \newcommand{\weatherUnits}{\textdegree}C}
4433 \newcommand{\xepersian@section}[0]{ {
4434 \newcommand{\xepersian@headleft}{%
4435 {\small\bfseries \@custommagazinename} \date
4436 }
4437 \newcommand{\xepersian@headcenter}{%
4438 \xepersian@section}
4439 }
4440 \newcommand{\xepersian@headright}{%
4441 \small\xepersian@edition%
4442 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4443 }
4444
4445 \newcommand{\heading}[3]{%
4446 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%

```



```

4447 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4448 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4449 }
4450 \newcommand{\xepersian@footright}{%
4451 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4452 }
4453 \newcommand{\xepersian@footcenter}{%
4454 }
4455 \newcommand{\xepersian@footleft}{%
4456 }
4457
4458 \newcommand{\foot}[3]{%
4459 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4460 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4461 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4462 }
4463 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4464 \newcommand{\xepersian@firstTitle}[1]{%
4465 {%
4466 \begin{spacing}{2.0}{%
4467 \noindent\ignorespaces
4468 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4469 {\nohyphens{\firstTitleFormat #1}}%
4470 {\{\firstTitleFormat #1}}%
4471 }%
4472 \end{spacing}%
4473 }%
4474 }
4475 \newcommand{\firstTextFormat}{%
4476 \newcommand{\xepersian@firstText}[1]{%
4477 {\noindent\ignorespaces\firstTextFormat #1}%
4478 }
4479 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4480 \newcommand{\xepersian@secondTitle}[1]{%
4481 \begin{spacing}{1.5}{%
4482 \noindent\ignorespaces\flushright
4483 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4484 {\nohyphens{\secondTitleFormat #1}}%
4485 {\{\secondTitleFormat #1}}%
4486 }\end{spacing}%
4487 }
4488 \newcommand{\secondSubtitleFormat}{\large}
4489 \newcommand{\xepersian@secondSubtitle}[1]{%
4490 {\noindent\ignorespaces{\secondSubtitleFormat #1}}%
4491 }
4492 \newcommand{\secondTextFormat}{%
4493 \newcommand{\xepersian@secondText}[1]{%
4494 \begin{multicols}{2}
4495 {\noindent\ignorespaces\secondTextFormat #1}
4496 \end{multicols}

```




```

4497 }
4498 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4499 \newcommand{\xepersian@thirdTitle}[1]{%
4500 \begin{spacing}{1.5}{%
4501 \noindent\ignorespaces\flushright
4502 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4503 {\nohyphens{\thirdTitleFormat #1}}%
4504 {\thirdTitleFormat #1}}%
4505 }\end{spacing}%
4506 }
4507 \newcommand{\thirdSubtitleFormat}{\large}
4508 \newcommand{\xepersian@thirdSubtitle}[1]{%
4509 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4510 \newcommand{\thirdTextFormat}{%
4511 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}}
4512 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4513 \newcommand{\xepersian@pictureCaption}[1]{%
4514 {\noindent\pictureCaptionFormat #1}%
4515 }
4516 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4517 \newcommand{\xepersian@pages}[1]{%
4518 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4519 \newcommand{\innerTitleFormat}{\Huge}
4520 \newcommand{\xepersian@innerTitle}[1]{%
4521 \begin{flushright}{%
4522 \noindent
4523 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4524 {\nohyphens{\innerTitleFormat #1}}%
4525 {\innerTitleFormat #1}}%
4526 }%
4527 }%
4528 \end{flushright}%
4529 }
4530 \newcommand{\innerSubtitleFormat}{\large}
4531 \newcommand{\xepersian@innerSubtitle}[1]{\innerSubtitleFormat #1}}
4532 \newcommand{\timestampTxt}{%
4533 \newcommand{\timestampSeparator}{|}
4534 \newcommand{\timestampFormat}{\small}
4535 \newcommand{\timestamp}[1]{%
4536 {\timestampFormat%
4537 #1~\timestampTxt}%
4538 }~\timestampSeparator}%
4539 }
4540 \newcommand{\innerAuthorFormat}{\footnotesize}
4541 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4542 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4543 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4544 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4545 \newcommand{\editorialAuthorFormat}{\textsc}
4546 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}

```



```

4547 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}}
4548 \newcommand{\shortarticleSubtitleFormat}{\Large}
4549 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}}
4550 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4551 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}}
4552 \renewcommand{\maketitle}{\begin{titlepage}%
4553   \let\footnotesize\small
4554   \let\footnoterule\relax
4555   \let \footnote \thanks
4556   \null\vfil
4557   \vskip 60\p@
4558   \begin{center}%
4559     {\LARGE \@title \par}%
4560     \vskip 1em%
4561     {\LARGE «\xepersian@edition» \par}%
4562     \vskip 3em%
4563     {\large
4564       \lineskip .75em%
4565       \begin{tabular}[t]{c}%
4566         \@author
4567         \end{tabular}\par}%
4568       \vskip 1.5em%
4569       {\large \@date \par}%
4570   \end{center}\par
4571   \@thanks
4572   \vfil\null
4573   \end{titlepage}%
4574   \setcounter{footnote}{0}%
4575   \global\let\thanks\relax
4576   \global\let\maketitle\relax
4577   \global\let\@thanks\@empty
4578   \global\let\@author\@empty
4579   \global\let\@date\@empty
4580   \global\let\@title\@empty
4581   \global\let\title\relax
4582   \global\let\author\relax
4583   \global\let\date\relax
4584   \global\let\and\relax
4585 }
4586 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4587 \newsavebox{\xepersian@fmbox}
4588 \newenvironment{xepersian@fmpage}[1]
4589 {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4590 {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4591 \newcommand{\image}[2]{
4592   \vspace{5pt}
4593   \setlength{\fboxsep}{1pt}
4594   \addtolength{\xepersian@imgsize}{\columnwidth}
4595   \addtolength{\xepersian@imgsize}{-1\columnsep}
4596   \ifxetex

```



```

4597 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4598 \addtolength{\xepersian@pageneed}{50pt}
4599 \ClassWarning{xepersian-magazine}{%
4600 Image #1 needs: \the\xepersian@pageneed \space %
4601 and there is left: \the\page@free\space%
4602 }
4603 \ifdim \xepersian@pageneed < \page@free
4604
4605 {\centering\fbbox{%
4606 \includegraphics[width = \xepersian@imgsize,
4607 height = \xepersian@imgsize,
4608 keepaspectratio ]{#1}}
4609 \xepersian@pictureCaption{#2}
4610
4611 \vspace{5pt}
4612 \else
4613 \ClassWarning{Image #1 needs more space!%
4614 It was not inserted!}
4615 \fi
4616 \fi
4617 }
4618 \textblockorigin{1cm}{1cm}
4619 \newdimen\xepersian@dx
4620 \newdimen\xepersian@dy
4621 \newcount\xepersian@cx
4622 \newcount\xepersian@cy
4623 \newcommand{\grid}[3][]{
4624 \xepersian@dx=\textwidth%
4625 \xepersian@dy=\textheight%
4626 \xepersian@cx=#3% %columns
4627 \xepersian@cy=#2% %rows
4628
4629 \count1=#3%
4630 \advance\count1 by 1
4631
4632 \count2=#2%
4633 \advance\count2 by 1
4634
4635 \divide\xepersian@dx by #3
4636 \divide\xepersian@dy by #2
4637
4638 \setlength{\TPHorizModule}{\xepersian@dx}
4639 \setlength{\TPVertModule}{\xepersian@dy}
4640
4641 \ifthenelse{\equal{#1}{show}}{
4642 \multido{\xepersian@nrow=0+1}{\count2}{
4643 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4644 \rule[0pt]{\textwidth}{.1pt}
4645 \end{textblock}
4646 }

```



```

4647
4648 \multido{\xepersian@ncol=0+1}{\count1}{
4649 \begin{textblock}{\xepersian@cy}{\xepersian@ncol,0}
4650 \rule[0pt]{.1pt}{\textheight}
4651 \end{textblock}
4652 }
4653 }{}
4654 }
4655 \newcommand{\xepersianInit}{
4656 \setlength{\headheight}{14pt}
4657 \renewcommand{\headrulewidth}{0.4pt}
4658
4659 \pagestyle{fancy}
4660
4661 \setlength{\columnseprule}{\columnlines}
4662 \setlength{\fboxrule}{0.1 pt}
4663
4664 }
4665
4666 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4667 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4668 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4669 \newcommand{\logo}[0]{
4670 %% Heading %%
4671 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4672
4673 \vspace*{-3pt}
4674
4675 {\Large\bfseries \@customlogo}
4676 \hrulefill
4677 \hspace{10pt}\xepersian@headDateTime
4678
4679 }
4680 \newcommand{\minilogo}[0]{
4681 {\large\bfseries \@customminilogo}
4682
4683 \vspace*{5pt}
4684 }
4685 \newcommand{\mylogo}[1]{
4686 {\beginR#1\endR}
4687
4688 \noindent
4689 \xepersian@editionLogo\hspace{5pt}
4690 \hrulefill
4691 \hspace{5pt}\xepersian@headDateTime
4692 }
4693 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4694 \newenvironment{frontpage}[0]
4695 {
4696 \setboolean{xepersian@insidefrontpage}{true}

```



```

4697 \thispagestyle{empty}
4698 \logo
4699
4700 }%
4701 {
4702 \thispagestyle{empty}
4703 \clearpage
4704 \newpage
4705 \fancyhead{}
4706 \fancyfoot{}
4707 \fancyhead[R0,LE]{\beginR\xepersian@headright\endR}
4708 \fancyhead[L0,RE]{\beginR\xepersian@headleft\endR}
4709 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4710 \fancyfoot[R0,LE]{\beginR\xepersian@footright\endR}
4711 \fancyfoot[L0,RE]{\beginR\xepersian@footleft\endR}
4712 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4713 \renewcommand{\headrulewidth}{0.4pt}
4714 \setboolean{xepersian@insidefrontpage}{false}
4715
4716 }
4717 \newcommand{\firstarticle}[3]
4718 {
4719 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4720 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4721 \begin{textblock}{24}(22,5)
4722 }
4723 {
4724 \begin{textblock}{28}(22,5)
4725 }
4726 \vspace{-7pt}
4727 \xepersian@firstTitle{#1}
4728 \end{textblock}
4729 \begin{textblock}{29}(22,10)
4730 \vspace{5pt plus 2pt minus 2pt}
4731
4732 \xepersian@firstText{\timestamp{#3}~#2}
4733
4734 \end{textblock}
4735
4736 \begin{textblock}{50}(0,15)
4737 \rule{50\TPHorizModule}{.3pt}
4738 \end{textblock}
4739 }{%else
4740 \ClassError{xepersian-magazine}{%
4741 \protect\firstarticle\space in a wrong place.\MessageBreak
4742 \protect\firstarticle\space may only appear inside frontpage environment.
4743 }{%
4744 \protect\firstarticle\space may only appear inside frontpage environment.
4745 }%
4746 }

```



```

4747 }
4748 \newcommand{\secondarticle}[5]
4749 {
4750 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4751 \begin{textblock}{33}(2,16)
4752 \xepersian@pages{#4}
4753 \vspace{-5pt}
4754 \xepersian@secondTitle{#1}
4755
4756 \vspace*{5pt}
4757
4758 \xepersian@secondSubtitle{#2}
4759
4760 \vspace*{-7pt}
4761
4762 \xepersian@secondText{\timestamp{#5}~#3}
4763
4764 \end{textblock}
4765
4766 \begin{textblock}{33}(2,25)
4767 \vspace{5pt plus 2pt minus 2pt}
4768
4769 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4770 \end{textblock}
4771 }{%else
4772 \ClassError{xepersian-magazine}{%
4773 \protect\secondarticle\space in a wrong place.\MessageBreak
4774 \protect\secondarticle\space may only appear inside frontpage environment.
4775 }{%
4776 \protect\secondarticle\space may only appear inside frontpage environment.
4777 }%
4778 }
4779 }
4780 \newcommand{\thirdarticle}[6]
4781 {
4782 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4783 \begin{textblock}{32}(2,26)
4784 \xepersian@pages{#5}
4785 \vspace{-5pt}
4786 \setlength{\fboxsep}{1pt}
4787 \xepersian@thirdTitle{#1}
4788
4789 \vspace*{5pt}
4790
4791 \xepersian@thirdSubtitle{#2}
4792
4793 \vspace*{5pt}
4794
4795 {\noindent\ignorespaces %
4796 \ifthenelse{\equal{#4}{}}{}{}

```



```

4797
4798 \xepersian@thirdText{\timestamp{#6}~#3}
4799
4800 }
4801
4802 \vspace*{5pt}
4803
4804 \end{textblock}
4805 }{%else
4806 \ClassError{xepersian-magazine}{%
4807 \protect\thirdarticle\space in a wrong place.\MessageBreak
4808 \protect\thirdarticle\space may only appear inside frontpage environment.
4809 }{%
4810 \protect\thirdarticle\space may only appear inside frontpage environment.
4811 }%
4812 }
4813 }
4814 \newcommand{\firstimage}[2]
4815 {
4816 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4817 \begin{textblock}{18}(2,5)
4818 \setlength{\fboxsep}{1pt}
4819 \ifxetex % only in PDF
4820 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4821 \fi
4822
4823 \xepersian@pictureCaption{#2}
4824 \end{textblock}%
4825 }
4826 {\ClassError{xepersian-magazine}{%
4827 \protect\firstimage\space in a wrong place.\MessageBreak
4828 \protect\firstimage\space may only appear inside frontpage environment.
4829 }{%
4830 \protect\firstimage\space may only appear inside frontpage environment.
4831 }}
4832 }%
4833 \newcommand{\weatheritem}[5]{%
4834 \ifthenelse{\boolean{xepersian@insideweather}}{
4835 \begin{minipage}{45pt}
4836 \ifxetex
4837 \includegraphics[width=40pt]{#1}
4838 \fi
4839 \end{minipage}
4840 \begin{minipage}{50pt}
4841 \weatherTempFormat
4842 #2\\
4843 \beginL#3 $| $ #4 \lr{\weatherUnits{}}\endL\\
4844 #5
4845 \end{minipage}
4846 }{%else

```



```

4847 \ClassError{xepersian-magazine}{%
4848 \protect\weatheritem\space in a wrong place.\MessageBreak
4849 \protect\weatheritem\space may only appear inside weatherblock environment.
4850 }{%
4851 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4852 weatherblock environment may only appear inside frontpage environment.
4853 }%
4854 }
4855 }
4856 \newenvironment{weatherblock}[1]
4857 {
4858 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4859 \setboolean{xepersian@insideweather}{true}
4860 \begin{textblock}{32}(2,38)
4861 \vspace*{-15pt}
4862
4863 \xepersian@weather{\beginR#1\endR}
4864
4865 \vspace*{5pt}
4866
4867 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4868 \begin{minipage}{32\TPHorizModule}
4869 \hspace{5pt}
4870
4871 }{%
4872 \ClassError{xepersian-magazine}{%
4873 weatherblock in a wrong place.\MessageBreak
4874 weatherblock may only appear inside frontpage environment.
4875 }{%
4876 weatherblock may only appear inside frontpage environment.
4877 }
4878 }
4879 }%
4880 {
4881 \end{minipage}
4882 \end{xepersian@fmpage}
4883 \end{textblock}
4884 \setboolean{xepersian@insideweather}{false}
4885 }
4886 \newenvironment{authorblock}[0]
4887 {
4888 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4889 \begin{textblock}{15}(36,35)
4890 \setlength{\fboxsep}{5pt}
4891 \begin{xepersian@fmpage}{13\TPHorizModule}
4892 \begin{minipage}{13\TPHorizModule}
4893 \centering
4894 \minilogo
4895
4896 }{%else

```




```

4897 \ClassError{xepersian-magazine}{%
4898 authorblock in a wrong place.\MessageBreak
4899 authorblock may only appear inside frontpage environment.
4900 }{%
4901 authorblock may only appear inside frontpage environment.
4902 }
4903 }
4904 }
4905 {
4906 \end{minipage}
4907 \end{xepersian@fmpage}
4908 \end{textblock}
4909 }
4910 \newenvironment{indexblock}[1]
4911 {
4912 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4913 \setboolean{xepersian@insideindex}{true}%let's in
4914 \begin{textblock}{15}(36,16)
4915 \setlength{xepersian@indexwidth}{13\TPHorizModule}
4916 \xepersian@indexFrameTitle{#1}
4917
4918 \setlength{fboxsep}{5pt} %espacio entre el frame y la imagen
4919 \begin{xepersian@fmpage}{xepersian@indexwidth}
4920 \begin{minipage}{xepersian@indexwidth}
4921 \vspace*{10pt}
4922 }{%else
4923 \ClassError{xepersian-magazine}{%
4924 indexblock in a wrong place.\MessageBreak
4925 indexblock may only appear inside frontpage environment.
4926 }{%
4927 indexblock may only appear inside frontpage environment.
4928 }
4929 }
4930 }%
4931 {
4932 \end{minipage}
4933 \end{xepersian@fmpage}
4934 \end{textblock}
4935 \setboolean{xepersian@insideindex}{false}%let's out
4936 }
4937 \newcommand{\indexitem}[2]
4938 {
4939 \ifthenelse{\boolean{xepersian@insideindex}}{
4940 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4941
4942 \vspace{0.5cm}
4943
4944 \noindent\ignorespaces\indexEntrySeparator{
4945 }{%else
4946 \ClassError{xepersian-magazine}{%

```



```

4947 \protect\indexitem\space in a wrong place.\MessageBreak
4948 \protect\indexitem\space may only appear inside indexblock environment.
4949 }{%
4950 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
4951 indexblock environment may only appear inside frontpage environment.
4952 }%
4953 }
4954 }
4955 \newcommand{\xepersian@inexpandedtitle}[1]{
4956 \begin{minipage}{.95\textwidth}
4957 \begin{center}
4958 \noindent\Large\textbf{\beginR#1\endR}
4959 \end{center}
4960 \end{minipage}
4961 }
4962 \newcommand{\expandedtitle}[2]{
4963 \end{multicols}
4964
4965 \begin{center}
4966 \setlength{\fboxsep}{5pt}
4967 \setlength{\shadowsize}{2pt}
4968 \ifthenelse{\equal{#1}{shadowbox}}{%
4969 \shadowbox{%
4970 \xepersian@inexpandedtitle{#2}%
4971 }%
4972 }{}
4973 \ifthenelse{\equal{#1}{doublebox}}{%
4974 \doublebox{%
4975 \xepersian@inexpandedtitle{#2}%
4976 }%
4977 }{}
4978 \ifthenelse{\equal{#1}{ovalbox}}{%
4979 \ovalbox{%
4980 \xepersian@inexpandedtitle{#2}%
4981 }%
4982 }{}
4983 \ifthenelse{\equal{#1}{Ovalbox}}{%
4984 \Ovalbox{%
4985 \xepersian@inexpandedtitle{#2}%
4986 }%
4987 }{}
4988 \ifthenelse{\equal{#1}{lines}}{
4989 \hrule
4990 \vspace*{8pt}
4991 \begin{center}
4992 \noindent\Large\textbf{#2}
4993 \end{center}
4994 \vspace*{8pt}
4995 \hrule
4996 }{}

```



```

4997 \end{center}
4998
4999 \begin{multicols}{\xepersian@ncolumns{}}
5000 \ifnum \xepersian@ncolumns > \minraggedcols
5001 \raggedFormat
5002 \fi
5003 }
5004 \newcommand{\xepersian@incolumntitle}[2]{
5005 \begin{minipage}{#1}
5006 \begin{center}
5007 \noindent\normalsize\textbf{#2}
5008 \end{center}
5009 \end{minipage}
5010 }
5011
5012 \newcommand{\columnntitle}[2]{
5013 \vspace*{5pt}
5014 \begin{center}
5015 \setlength{\fboxsep}{5pt}
5016 \setlength{\shadowsize}{2pt}
5017 \addtolength{\xepersian@coltitsize}{\columnwidth}
5018 \addtolength{\xepersian@coltitsize}{-1\columnsep}
5019 \addtolength{\xepersian@coltitsize}{-5pt}
5020 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
5021 \ifthenelse{equal{#1}{shadowbox}}{%
5022 \shadowbox{%
5023 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5024 }%
5025 }{}
5026 \ifthenelse{equal{#1}{doublebox}}{%
5027 \doublebox{%
5028 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5029 }%
5030 }{}
5031 \ifthenelse{equal{#1}{ovalbox}}{%
5032 \ovalbox{%
5033 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5034 }%
5035 }{}
5036 \ifthenelse{equal{#1}{ovalbox}}{%
5037 \ovalbox{%
5038 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
5039 }%
5040 }{}
5041 \ifthenelse{equal{#1}{lines}}{
5042 \hrule
5043 \vspace*{5pt}
5044 \begin{center}
5045 \noindent\normalsize\textbf{#2}
5046 \end{center}

```



```

5047 \vspace*{5pt}
5048 \hrule
5049 }{}
5050 \end{center}
5051 }
5052 \renewcommand{\date}{%
5053 \longdate{\today}%
5054 }
5055 \newcommand{\authorandplace}[2]{%
5056 \rightline{%
5057 {\innerAuthorFormat #1},\space{\innerPlaceFormat #2}%
5058 }%
5059 \par %
5060 }
5061 \newcommand{\newsection}[1]{
5062 \renewcommand{\xepersian@section}{#1}
5063 }
5064 \newenvironment{article}[5]
5065 {
5066 \xepersian@say{Adding a new piece of article}
5067 \renewcommand{\xepersian@ncolumns}{#1}
5068 \begin{multicols}{#1}[
5069 \xepersian@pages{#4}
5070 \xepersian@innertitle{#2}%
5071 \xepersian@innerSubtitle{#3}%
5072 ] [4cm]%
5073 \label{#5}
5074 \ifnum #1 > \minraggedcols
5075 \raggedFormat
5076 \fi
5077 }
5078 {\sim\innerTextFinalMark{}
5079 \end{multicols}
5080 }
5081 \newcommand{\articlesep}{%
5082 \setlength{\xepersian@pageneed}{16000pt}
5083 \setlength{\xepersian@pageleft}{\pagegoal}
5084 \addtolength{\xepersian@pageleft}{-\pagetotal}
5085
5086 \xepersian@say{How much left \the\xepersian@pageleft}
5087
5088 \ifdim \xepersian@pageneed < \xepersian@pageleft
5089 \xepersian@say{Not enough space}
5090 \else
5091 \xepersian@say{Adding sep line between articles}
5092 \vspace*{10pt plus 10pt minus 5pt}
5093 \hrule
5094 \vspace*{10pt plus 5pt minus 5pt}
5095 \fi
5096

```



```

5097 }
5098 \newcommand{\xepersian@editorialTit}[2]{
5099 \setlength{\arrayrulewidth}{.1pt}
5100 \begin{center}
5101 \begin{tabular}{c}
5102 \noindent
5103 \xepersian@editorialTitle{#1}
5104 \vspace{2pt plus 1pt minus 1pt}
5105 \\
5106 \hline
5107 \vspace{2pt plus 1pt minus 1pt}
5108 \\
5109 \editorialAuthorFormat{#2}
5110 \end{tabular}
5111 \end{center}
5112 }
5113 \newenvironment{editorial}[4]
5114 {
5115 \xepersian@say{Adding a new editorial}
5116 \begin{multicols}{#1}[%
5117 \xepersian@editorialTit{#2}{#3}%
5118 ] [4cm]
5119 \label{#4}
5120 \ifnum #1 > \minraggedcols
5121 \raggedFormat
5122 \fi
5123 }
5124 {
5125 \end{multicols}
5126 }
5127 \newcommand{\xepersian@shortarticleTit}[2]{
5128 \begin{center}
5129 \vbox{%
5130 \noindent
5131 \xepersian@shortarticleTitle{#1}
5132 \vspace{4pt plus 2pt minus 2pt}
5133 \hrule
5134 \vspace{4pt plus 2pt minus 2pt}
5135 \xepersian@shortarticleSubtitle{#2}
5136 }
5137 \end{center}
5138 }
5139 \newenvironment{shortarticle}[4]
5140 {
5141 \xepersian@say{Adding a short article block}
5142 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}] [4cm] %
5143 \label{#4}
5144 \par %
5145 \ifnum #1 > \minraggedcols
5146 \raggedFormat

```



```

5147 \fi
5148 }
5149 {
5150 \end{multicols}
5151 }
5152 \newcommand{\shortarticleitem}[2]{
5153 \goodbreak
5154 \vspace{5pt plus 3pt minus 3pt}
5155 {\vbox{\noindent\expersian@shortarticleItemTitle{#1}}}
5156 \vspace{5pt plus 3pt minus 3pt}
5157 {\noindent #2}\\
5158 }

```

60 File xepersian-mathsdigitspec.sty

```

5159 \NeedsTeXFormat{LaTeX2e}
5160 \ProvidesPackage{xepersian-mathsdigitspec}
5161 [2018/01/01 v1.1.5 Unicode Persian maths digits in XeLaTeX]
5162 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
5163 \let\newfam\new@mathgroup
5164 \def\select@group#1#2#3#4{%
5165 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5166 {%
5167 \ifmmode
5168 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5169 \begingroup
5170 \escapechar\m@ne
5171 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5172 \globaldefs\@ne \math@fonts
5173 \endgroup
5174 \init@restore@version
5175 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
5176 {\number\csname c@mv@\math@version\endcsname}}%
5177 \global\advance\csname c@mv@\math@version\endcsname\@ne
5178 \else
5179 \let#1\relax
5180 \@latex@error{Too many math alphabets used in
5181 version \math@version}%
5182 \@eha
5183 \fi
5184 \else \expandafter\non@alpherr\fi
5185 #1{#4}%
5186 }%
5187 }
5188 \def\document@select@group#1#2#3#4{%
5189 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5190 {%
5191 \ifmmode
5192 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5193 \begingroup

```



```

5194 \escapechar\m@ne
5195 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5196 \globaldefs\@ne \math@fonts
5197 \endgroup
5198 \expandafter\extract@alph@from@version
5199 \csname mv@\math@version\expandafter\endcsname
5200 \expandafter{\number\csname
5201 c@mv@\math@version\endcsname}%
5202 #1%
5203 \global\advance\csname c@mv@\math@version\endcsname\@ne
5204 \else
5205 \let#1\relax
5206 \@latex@error{Too many math alphabets used
5207 in version \math@version}%
5208 \@eha
5209 \fi
5210 \else \expandafter\non@alpherr\fi
5211 #1{#4}%
5212 }%
5213 }
5214 \ExplSyntaxOn
5215 \bool_set_false:N \g__fontspec_math_bool
5216 \tl_map_inline:nn
5217 {
5218 \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
5219 \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
5220 \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
5221 \version@list\version@elt\alpha@list\alpha@elt
5222 \restore@mathversion\init@restore@version\dorestore@version\process@table
5223 \new@mathversion\DeclareSymbolFont\group@list\group@elt
5224 \new@symbolfont\SetSymbolFont\SetSymbolFont@\get@cdp
5225 \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
5226 \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
5227 \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
5228 \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
5229 \set@mathdelimiter\DeclareMathRadical\mathchar@type
5230 \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
5231 }
5232 {
5233 \tl_remove_once:Nn \@preamblecmds {\do#1}
5234 }
5235 \ExplSyntaxOff
5236 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitsspec}{#1}}
5237 \newcommand\SetMathCode[4]{%
5238 \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5239 \newcommand\SetMathCharDef[4]{%
5240 \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5241 \ExplSyntaxOn
5242 \cs_new_eq:NN \orig_mathbf:n \mathbf
5243 \cs_new_eq:NN \orig_mathit:n \mathit

```



```

5244 \cs_new_eq:NN \orig_mathrm:n \mathrm
5245 \cs_new_eq:NN \orig_mathsf:n \mathsf
5246 \cs_new_eq:NN \orig_mathtt:n \mathtt
5247 \NewDocumentCommand \new@mathbf { m } {
5248   \orig_mathbf:n {
5249     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5250       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
5251     }
5252     #1
5253   }
5254 }
5255 \NewDocumentCommand \new@mathit { m } {
5256   \orig_mathit:n {
5257     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5258       \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
5259     }
5260     #1
5261   }
5262 }
5263 \NewDocumentCommand \new@mathrm { m } {
5264   \orig_mathrm:n {
5265     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5266       \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
5267     }
5268     #1
5269   }
5270 }
5271 \NewDocumentCommand \new@mathsf { m } {
5272   \orig_mathsf:n {
5273     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5274       \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
5275     }
5276     #1
5277   }
5278 }
5279 \NewDocumentCommand \new@mathtt { m } {
5280   \orig_mathtt:n {
5281     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5282       \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
5283     }
5284     #1
5285   }
5286 }
5287
5288 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
5289 {
5290   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5291 }
5292 \cs_new:Nn \__xepersian_main_setmathdigitfont:nn
5293 {

```




```

5294 \let\glb@currsize\relax
5295 \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Mapping=persiandigits,#1} {#2}
5296 \__xepersian_setmathdigitfont_hook:nn {#1} {#2}
5297 \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5298 \DeclareSymbolFont{OPERATORS} {\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5299 \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5300 \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5301 \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5302 \def\persianmathsfdigits{%
5303 \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5304 \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5305 \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5306 \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5307 \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5308 \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5309 \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5310 \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5311 \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5312 \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5313 \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5314 \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5315 \tl_set_eq:NN \mathbf \new@mathbf
5316 \tl_set_eq:NN \mathit \new@mathit
5317 \tl_set_eq:NN \mathrm \new@mathrm}
5318 }
5319
5320 \cs_set_eq:NN \__xepersian_setmathdigitfont_hook:nn \use_none:nn
5321
5322 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5323 {
5324 \__xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5325 }
5326 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5327 {
5328 \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Mapping=persiandigits,#1} {#2}
5329 \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5330 \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsfamily_tl}
5331 \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5332 }
5333
5334 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5335
5336 \DeclareDocumentCommand \setmathttdigitfont { 0{} m 0{} }
5337 {
5338 \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5339 }
5340 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5341 {
5342 \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Mapping=persiandigits,#1} {#2}
5343 \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}

```



```

5344 \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5345 \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5346 }
5347
5348 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5349
5350 \ExplSyntaxOff
5351 \ifx\newcommand\undefined\else
5352 \newcommand{\ZifferAn}{}
5353 \fi
5354 \mathchardef\ziffer@DotOri="013A
5355 {\ZifferAn
5356 \catcode\.=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5357 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5358 \def\ziffer@check#1#2{%
5359 \ifx\n1\endgroup#1\else
5360 \ifx\n2\endgroup#1\else
5361 \ifx\n3\endgroup#1\else
5362 \ifx\n4\endgroup#1\else
5363 \ifx\n5\endgroup#1\else
5364 \ifx\n6\endgroup#1\else
5365 \ifx\n7\endgroup#1\else
5366 \ifx\n8\endgroup#1\else
5367 \ifx\n9\endgroup#1\else
5368 \ifx\n0\endgroup#1\else
5369 \ifx\n\overline\endgroup#1\else
5370 \endgroup#2%
5371 \fi
5372 \fi
5373 \fi
5374 \fi
5375 \fi
5376 \fi
5377 \fi
5378 \fi
5379 \fi
5380 \fi
5381 \fi}
5382 \mathcode\.= "8000\relax
5383 \def\ZifferLeer{\ifx\decimalseparator\undefined .\else \decimalseparator\fi}
5384 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5385 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5386 \def\DefaultMathsDigits{%
5387 \DefaultInlineMathsDigits%
5388 \DefaultDisplayMathsDigits%
5389 }
5390 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5391 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5392 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5393 \ifx\persianmathttdigits\undefined\else\persianmathttdigits\fi}}

```



```

5394 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5395 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5396 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5397 \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5398 \def\PersianMathsDigits{%
5399   \PersianInlineMathsDigits%
5400   \PersianDisplayMathsDigits%
5401 }
5402 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5403 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5404 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5405 \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5406 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5407 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5408 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5409 \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5410 \def\AutoMathsDigits{%
5411   \AutoInlineMathsDigits%
5412   \AutoDisplayMathsDigits%
5413 }
5414 \AutoMathsDigits
5415 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5416 \let\SetDisplayMathsDigits\relax%
5417 }
5418 \everydisplay\expandafter{%
5419 \the\everydisplay\SetDisplayMathsDigits%
5420 \let\SetInlineMathsDigits\relax%
5421 }

```

61 File xepersian-multiplechoice.sty

```

5422 \NeedsTeXFormat{LaTeX2e}
5423 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5424   Multiple Choice Questionnaire class for Persian in XeLaTeX]
5425 \RequirePackage{pifont}
5426 \RequirePackage{fullpage}
5427 \RequirePackage{ifthen}
5428 \RequirePackage{calc}
5429 \RequirePackage{verbatim}
5430 \RequirePackage{tabularx}
5431 \def\@headerfont{\bfseries}
5432 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5433 \def\@X{X}
5434 \newcommand\X[1]{\gdef\@X{#1}}
5435 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5436 \newcolumnntype{D}{>{\pbs\centering}X}
5437 \newcolumnntype{Q}{>{\@headerfont}X}
5438
5439 \renewcommand\tabularxcolumn[1]{m{#1}}
5440 \newcommand\makeform@nocorrection{%

```



```

5441 \addtocontents{frm}{\protect\end{tabularx}}
5442 \@starttoc{frm}}
5443 \newcommand\makeform@correction{%
5444 \addtocontents{frm}{\protect\end{tabularx}}}
5445 \newcommand\makemask@nocorrection{%
5446 \addtocontents{msk}{\protect\end{tabularx}}
5447 \@starttoc{msk}}
5448 \newcommand\makemask@correction{%
5449 \addtocontents{msk}{\protect\end{tabularx}}}
5450 \newlength\questionspace
5451 \setlength\questionspace{0pt}
5452 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5453 \def\@answerstitlefont{\bfseries}
5454 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5455 \def\@answernumberfont{\bfseries}
5456 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5457 \newcounter{question}\stepcounter{question}
5458 \newcounter{@choice}
5459 \def\@initorcheck{%
5460 \xdef\@choices{\the@choice}%
5461 \setcounter{@choice}{1}%
5462 \gdef\@arraydesc{|Q||}%
5463 \gdef\@headerline{}}
5464 \whiledo{\not{\value{@choice}>\@choices}}{
5465 \xdef\@arraydesc{\@arraydesc D|}
5466 \def\@appendheader{\g@addto@macro\@headerline}
5467 \@appendheader{&\protect\@headerfont}
5468 \edef\@the@choice{\alph{@choice}}
5469 \expandafter\@appendheader\@the@choice
5470 \stepcounter{@choice}}%
5471 \addtocontents{frm}{%
5472 \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5473 \protect\hline
5474 \@headerline\protect\\\protect\hline\protect\hline}%
5475 \addtocontents{msk}{%
5476 \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5477 \protect\hline
5478 \@headerline\protect\\\protect\hline\protect\hline}%
5479 \gdef\@initorcheck{%
5480 \ifthenelse{\value{@choice} = \@choices}{\%
5481 \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5482 (\the@choice\space instead of \@choices)}{\%
5483 Questions must all have the same number of proposed answers.%
5484 \MessageBreak
5485 Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}}}
5486 \newenvironment{question}[1]{%
5487 %% \begin{question}
5488 \begin{minipage}{\textwidth}
5489 \xdef\@formanswerline{\@questionheader}%
5490 \xdef\@maskanswerline{\@questionheader}%

```



```

5491 \fbox{\parbox[c]{\linewidth}{#1}}
5492 \vspace\questionspace\par
5493 {\@answerstitlefont\@answerstitle}
5494 \begin{list}{\@answernumberfont\alph{choice}}~{\usecounter{choice}}}{%
5495 %% \end{question}
5496 \end{list}
5497 \@initcheck%
5498 \addtocontents{frm}{\@formanswerline\protect\\protect\hline}%
5499 \addtocontents{msk}{\@maskanswerline\protect\\protect\hline}%
5500 \end{minipage}
5501 \stepcounter{question}}
5502 \def\@truesymbol{\ding{52}}~}
5503 \def\@falsesymbol{\ding{56}}~}
5504 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5505 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{#1}}
5506 \def\@true@nocorrection{\item}
5507 \def\@false@nocorrection{\item}
5508 \def\@true@correction{\item[\@truesymbol\refstepcounter{choice}]}
5509 \def\@false@correction{\item[\@falsesymbol\refstepcounter{choice}]}
5510 \newcommand\true{%
5511 \xdef\@formanswerline{\@formanswerline&}%
5512 \xdef\@maskanswerline{\@maskanswerline&\@X}%
5513 \@true}%
5514 \newcommand>false{%
5515 \xdef\@formanswerline{\@formanswerline&}%
5516 \xdef\@maskanswerline{\@maskanswerline&}%
5517 \@false}%
5518 \def\@correctionstyle{\itshape}
5519 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5520 \newenvironment{correction}{\@correctionstyle}{\@correctionstyle}{}
5521 \def\@questionheader{\thequestion}
5522 \answerstitle{
5523 \DeclareOption{nocorrection}{%
5524 \let\@true\@true@nocorrection
5525 \let\@false\@false@nocorrection
5526 \let\correction\comment
5527 \let\endcorrection\endcomment
5528 \def\makeform{\makeform@nocorrection}
5529 \def\makemask{\makemask@nocorrection}}
5530 \DeclareOption{correction}{%
5531 \let\@true\@true@correction
5532 \let\@false\@false@correction
5533 \let\correction\@correction
5534 \let\endcorrection\end@correction
5535 \def\makeform{\makeform@correction}
5536 \def\makemask{\makemask@correction}}
5537 \ExecuteOptions{nocorrection}
5538 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5539 \def\@questiontitlefont{\bfseries}
5540 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}

```



```

5541 \newlength\questiontitlespace
5542 \setlength\questiontitlespace{5pt}
5543 \newlength\questionsepspace
5544 \setlength\questionsepspace{20pt}
5545 \gdef\@questionsepspace{0pt}
5546 \let\old@question\question
5547 \let\old@endquestion\endquestion
5548 \renewenvironment{question}[1]{%
5549   %% \begin{question}
5550   \vspace\@questionsepspace
5551   \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5552   \nopagebreak\vspace\questiontitlespace\par
5553   \old@question{#1}}{%
5554   %% \end{question}
5555   \old@endquestion
5556   \gdef\@questionsepspace{\questionsepspace}}
5557 \questiontitle{ \thequestion:}
5558 \ProcessOptions

```

62 File xepersian-persiancal.sty

```

5559 \NeedsTeXFormat{LaTeX2e}
5560 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5561
5562 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5563 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5564 \newcount\XePersian@latini \newcount\XePersian@persiani
5565 \newcount\XePersian@latinii \newcount\XePersian@persianii
5566 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5567 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5568 \newcount\XePersian@latinv \newcount\XePersian@persianv
5569 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5570 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5571 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5572 \newcount\XePersian@latinix \newcount\XePersian@persianix
5573 \newcount\XePersian@latinx \newcount\XePersian@persianx
5574 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5575 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5576 \newcount\XePersian@persianxiii
5577
5578 \newcount\XePersian@temp
5579 \newcount\XePersian@temptwo
5580 \newcount\XePersian@tempthree
5581 \newcount\XePersian@yModHundred
5582 \newcount\XePersian@thirtytwo
5583 \newcount\XePersian@dn
5584 \newcount\XePersian@sn
5585 \newcount\XePersian@mminusone
5586
5587

```



```

5588 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5589 \XePersian@temp=\XePersian@y
5590 \divide\XePersian@temp by 100\relax
5591 \multiply\XePersian@temp by 100\relax
5592 \XePersian@yModHundred=\XePersian@y
5593 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5594 \ifodd\XePersian@yModHundred
5595   \XePersian@leapfalse
5596 \else
5597   \XePersian@temp=\XePersian@yModHundred
5598   \divide\XePersian@temp by 2\relax
5599   \ifodd\XePersian@temp\XePersian@leapfalse
5600   \else
5601     \ifnum\XePersian@yModHundred=0%
5602       \XePersian@temp=\XePersian@y
5603       \divide\XePersian@temp by 400\relax
5604       \multiply\XePersian@temp by 400\relax
5605       \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5606     \else\XePersian@leaptrue
5607   \fi
5608 \fi
5609 \fi
5610 \XePersian@latini=31\relax
5611 \ifXePersian@leap
5612   \XePersian@latinii = 29\relax
5613 \else
5614   \XePersian@latinii = 28\relax
5615 \fi
5616 \XePersian@latiniii = 31\relax
5617 \XePersian@latiniv = 30\relax
5618 \XePersian@latinv = 31\relax
5619 \XePersian@latinvi = 30\relax
5620 \XePersian@latinvii = 31\relax
5621 \XePersian@latinviii = 31\relax
5622 \XePersian@latinix = 30\relax
5623 \XePersian@latinx = 31\relax
5624 \XePersian@latinxi = 30\relax
5625 \XePersian@latinxii = 31\relax
5626 \XePersian@thirtytwo=32\relax
5627 \XePersian@temp=\XePersian@y
5628 \advance\XePersian@temp by -17\relax
5629 \XePersian@temptwo=\XePersian@temp
5630 \divide\XePersian@temptwo by 33\relax
5631 \multiply\XePersian@temptwo by 33\relax
5632 \advance\XePersian@temp by -\XePersian@temptwo
5633 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalsh
5634 \else
5635   \XePersian@temptwo=\XePersian@temp
5636   \divide\XePersian@temptwo by 4\relax
5637   \multiply\XePersian@temptwo by 4\relax

```



```

5638 \advance\XePersian@temp by -\XePersian@temptwo
5639 \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5640 \fi
5641 \XePersian@tempthree=\XePersian@y % Number of Leap years
5642 \advance\XePersian@tempthree by -1
5643 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5644 \divide\XePersian@temp by 4\relax
5645 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5646 \divide\XePersian@temptwo by 100\relax
5647 \advance\XePersian@temp by -\XePersian@temptwo
5648 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5649 \divide\XePersian@temptwo by 400\relax
5650 \advance\XePersian@temp by \XePersian@temptwo
5651 \advance\XePersian@tempthree by -611 % Number of Kabise years
5652 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5653 \divide\XePersian@temptwo by 33\relax
5654 \multiply\XePersian@temptwo by 8\relax
5655 \advance\XePersian@temp by -\XePersian@temptwo
5656 \XePersian@temptwo=\XePersian@tempthree %
5657 \divide\XePersian@temptwo by 33\relax
5658 \multiply\XePersian@temptwo by 33\relax
5659 \advance\XePersian@tempthree by -\XePersian@temptwo
5660 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T
5661 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5662 \advance\XePersian@temp by -\XePersian@tempthree
5663 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5664 \XePersian@persiani=31
5665 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5666 \XePersian@persianii = 30\relax
5667 \ifXePersian@kabiseh
5668 \XePersian@persianiii = 30\relax
5669 \else
5670 \XePersian@persianiii = 29\relax
5671 \fi
5672 \XePersian@persianiv = 31\relax
5673 \XePersian@persianv = 31\relax
5674 \XePersian@persianvi = 31\relax
5675 \XePersian@persianvii = 31\relax
5676 \XePersian@persianviii = 31\relax
5677 \XePersian@persianix = 31\relax
5678 \XePersian@persianx = 30\relax
5679 \XePersian@persianxi = 30\relax
5680 \XePersian@persianxii = 30\relax
5681 \XePersian@persianxiii = 30\relax
5682 \XePersian@dn= 0\relax
5683 \XePersian@sn= 0\relax
5684 \XePersian@mminusone=\XePersian@m
5685 \advance\XePersian@mminusone by -1\relax
5686 \XePersian@i=0\relax
5687 \ifnum\XePersian@i < \XePersian@mminusone

```




```

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

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