



# The XePersian Package

Source documentation for version 21.2

*to my Master, Ferdowsi The Great*

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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, or ask any questions about the package, then please do not send any direct email to me; I will not answer any direct email. Instead please use the issue tracker:

<https://gitlab.com/persian-tex/xepersian/issues>

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# The XePersian *Package*

## Persian for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>, using XeT<sub>E</sub>X engine

Source documentation for [version 21.2](#)

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## 1 File algorithmic-xepersian.def

```

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

```

## 2 File algorithm-xepersian.def

```

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

```

## 3 File amsart-xepersian.def

```

8 \ProvidesFile{amsart-xepersian.def}[2017/02/04 v0.4 adaptations for amsart class]
9 \renewcommand \thepart {\@tartibi\c@part}
10 \def\appendix{\par\c@section\z@ \c@subsection\z@
11 \let\sectionname\appendixname
12 \def\thesection{\@harfi\c@section}}
13

```

## 4 File amsbook-xepersian.def

```

14 \ProvidesFile{amsbook-xepersian.def}[2017/02/04 v0.5 adaptations for amsbook class]

```



```

15 \def\frontmatter{\cleardoublepage\pagenumbering{harfi}}
16 \renewcommand \thepart {\@tartibi\c@part}
17 \def\appendix{\par
18   \c@chapter\z@ \c@section\z@
19   \let\chaptername\appendixname
20   \def\thechapter{\@harfi\c@chapter}}
21
22

```

## 5 File appendix-xepersian.def

```

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

```

## 6 File article-xepersian.def

```

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

```

## 7 File artikel1-xepersian.def

```

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

```

## 8 File artikel2-xepersian.def

```

50 \ProvidesFile{artikel2-xepersian.def}[2010/07/25 v0.1 adaptations for artikel2 class]
51 \renewcommand*\thepart{\@tartibi\c@part}
52 \renewcommand*\appendix{\par

```



```

53 \setcounter{section}{0}%
54 \setcounter{subsection}{0}%
55 \gdef\thesection{\@harfi\c@section}}

```

## 9 File artikel3-xepersian.def

```

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

```

## 10 File backref-xepersian.def

```

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

```

## 11 File bidentuftsidenote-xepersian.def

```

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

```

## 12 File bidimoderncv-xepersian.def



```

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

```

### 13 File boek3-xepersian.def

```

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

```

### 14 File boek-xepersian.def

```

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

```

### 15 File bookest-xepersian.def

```

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

```

### 16 File book-xepersian.def

```

123 \ProvidesFile{book-xepersian.def}[2010/07/25 v0.2 adaptations for standard book class]
124 \renewcommand\frontmatter{%
125   \cleardoublepage
126   \@mainmatterfalse
127   \pagenumbering{harfi}}
128 \renewcommand \thepart {\@tartibi\c@part}

```



```

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

```

## 17 File breqn-xepersian.def

```

135 \ProvidesFile{breqn-xepersian.def}[2010/07/25 v0.1 adaptations for breqn package]
136 \def\@dmath[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
137 \everydisplay\expandafter{\the\everydisplay \display@setup}%
138 \if@noskipsec \leavevmode \fi
139 \if@inlabel \leavevmode \global\@inlabelfalse \fi
140 \if\eq@group\else\eq@prelim\fi
141 \setkeys{breqn}{#1}%
142 \the\eqstyle
143 \eq@setnumber
144 \begingroup
145 \eq@setup@a
146 \eq@startup
147 }
148 \def\@dgroup[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
149 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
150 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
151 \global\let\GRP@label\@empty
152 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
153 \global\grp@linewidth\z@\global\grp@wdNum\z@
154 \global\let\grp@eqs@numbered\@False
155 \global\let\grp@aligned\@True
156 \global\let\grp@shiftnumber\@False
157 \eq@prelim
158 \setkeys{breqn}{#1}%
159 \if\grp@hasNumber \grp@setnumber \fi
160 }
161 \def\@dseries[#1]{\if@RTL\@RTLfalse\addfontfeatures{Mapping=farsidigits}\fi%
162 \let\display@setup\dseries@display@setup
163 % Question: should this be the default for dseries???
164 \global\eq@wdCond\z@
165 \@dmath[layout={M},#1]%
166 \mathsurround\z@\@math \penalty\@Mi
167 \let\endmath\ends@math
168 \def\premath{%
169 \ifdim\lastskip<.3em \unskip
170 \else\ifnum\lastpenalty<\@M \dquad\fi\fi
171 }%
172 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
173 \ignorespaces
174 }

```



## 18 File latex-localise-commands-xepersian.def

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





```

223 \eqcommand{      }{baselineskip}
224 \eqcommand{      }{baselinestretch}
225 \eqcommand{      }{batchmode}
226 \eqcommand{ }{begin}
227 \eqcommand{ }{beginL}
228 \eqcommand{ }{beginR}
229 \eqcommand{ }{begingroup}
230 \eqcommand{      }{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{    }\{crr}
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@tempswa}
509 \eqcommand{ }{ifcase}
510 \eqcommand{ }{ifcat}
511 \eqcommand{ }{ifdefined}
512 \eqcommand{ }{ifdim}
513 \eqcommand{ }{ifeof}
514 \eqcommand{ }{iff}
515 \eqcommand{ }{iffalse}
516 \eqcommand{ }{IfFileExists}
517 \eqcommand{ }{ifhbox}
518 \eqcommand{ }{ifhmode}
519 \eqcommand{ }{ifinner}
520 \eqcommand{ }{ifmmode}
521 \eqcommand{ }{ifnum}
522 \eqcommand{ }{ifodd}

```



```

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

```



```

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

```





```

623 \eqcommand{ @ }{@Miii}
624 \eqcommand{ @ }{@Miv}
625 \eqcommand{ @ }{@MM}
626 \eqcommand{ @ }{@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{ }{quad}
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{      }{snlfontlocatecode}
921 \eqcommand{      }{space}
922 \eqcommand{      }{spacefactor}

```



```

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

```



```

973 \eqcommand{      }{\textbullet}
974 \eqcommand{      }{\textfont}
975 \eqcommand{      }{\textemdash}
976 \eqcommand{      }{\textendash}
977 \eqcommand{      }{\textexclamdown}
978 \eqcommand{      }{\textperiodcentered}
979 \eqcommand{      }{\textquestiondown}
980 \eqcommand{      }{\textquotedblleft}
981 \eqcommand{      }{\textquotedblright}
982 \eqcommand{      }{\textquoteleft}
983 \eqcommand{      }{\textquoteright}
984 \eqcommand{      }{\textvisiblespace}
985 \eqcommand{      }{\textbackslash}
986 \eqcommand{      }{\textbar}
987 \eqcommand{      }{\textgreater}
988 \eqcommand{      }{\textless}
989 \eqcommand{      }{\textbf}
990 \eqcommand{      }{\textcircled}
991 \eqcommand{      }{\textcolor}
992 \eqcommand{      }{\textcompwordmark}
993 \eqcommand{      }{\textfloatsep}
994 \eqcommand{      }{\textfraction}
995 \eqcommand{      }{\textheight}
996 \eqcommand{      }{\textindent}
997 \eqcommand{      }{\textit}
998 \eqcommand{      }{\textmd}
999 \eqcommand{      }{\textnormal}
1000 \eqcommand{     }{\textregistered}
1001 \eqcommand{     }{\textrm}
1002 \eqcommand{     }{\textsc}
1003 \eqcommand{     }{\textsf}
1004 \eqcommand{     }{\textsl}
1005 \eqcommand{     }{\textstyle}
1006 \eqcommand{     }{\textsuperscript}
1007 \eqcommand{     }{\texttrademark}
1008 \eqcommand{     }{\texttt}
1009 \eqcommand{     }{\textup}
1010 \eqcommand{     }{\textwidth}
1011 \eqcommand{     }{\thanks}
1012 \eqcommand{     }{\the}
1013 \eqcommand{     }{\thempfn}
1014 \eqcommand{     }{\thicklines}
1015 \eqcommand{     }{\thickmuskip}
1016 \eqcommand{     }{\thinmuskip}
1017 \eqcommand{     }{\thickspace}
1018 \eqcommand{     }{\thinlines}
1019 \eqcommand{     }{\thinspace}
1020 \eqcommand{     }{\thisfancy page}
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}

```

```

1188 \ProvidesFile{enumerate-xepersian.def}[2010/07/25 v0.1 adaptations for enumerate package]
1189 \def\@enloop@{
1190   \ifx entemp\@def\@tempa{\@enLabel\harfi } \else
1191   \ifx entemp\@def\@tempa{\@enLabel\adadi } \else
1192   \ifx entemp\@def\@tempa{\@enLabel\tartibi } \else
1193   \ifx A\@entemp \def\@tempa{\@enLabel\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}

```

```

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 flowfram-xepersian.def

```

1299 \ProvidesFile{flowfram-xepersian.def}[2010/07/25 v0.1 adaptations for flowfram package]
1300 \def\@outputpage{%
1301 \begingroup
1302   \let\protect\noexpand
1303   \@resetactivechars
1304   \global\let\@@if@newlist@if@newlist
1305   \global\@newlistfalse\@parboxrestore
1306   \shipout\vbox{\set@typeset@protect
1307     \aftergroup
1308     \endgroup
1309     \aftergroup
1310     \set@typeset@protect
1311     \reset@font\normalsize\normalsfcodes
1312     \let\label\@gobble
1313     \let\index\@gobble
1314     \let\glossary\@gobble
1315     \baselineskip\z@skip
1316     \lineskip\z@skip
1317     \lineskiplimit\z@
1318     \vskip\topmargin\moveright\@themargin
1319     \vbox{%
1320       \vskip\headheight
1321       \vskip\headsep
1322       \box\@outputbox
1323     }}%
1324   \global\let@if@newlist\@@if@newlist
1325   \stepcounter{page}%
1326   \setcounter{displayedframe}{0}%
1327   \let\firstmark\botmark}

```

## 30 File footnote-xepersian.def

```

1328 \ProvidesFile{footnote-xepersian.def}[2017/08/09 v0.6 footnote macros for xepersian package]
1329
1330 \renewcommand*{\bidi@footnotetext@font}{\footnotesize@if@RTL@footnote\else\resetlatinfont\fi}
1331
1332 \renewcommand*{\bidi@LTRfootnotetext@font}{\footnotesize\resetlatinfont}
1333
1334 \renewcommand*{\bidi@RTLfootnotetext@font}{\footnotesize\setpersianfont}
1335

```



### 31 File framed-xepersian.def

```
1336 \ProvidesFile{framed-xepersian.def}[2012/06/05 v0.1 xepersian adaptations for framed package f
1337 \renewenvironment{titled-frame}[1]{%
1338   \def\FrameCommand{\fboxsep8pt\fboxrule2pt
1339     \TitleBarFrame{\textbf{#1}}}%
1340   \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
1341     \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
1342   \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
1343     \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}\ (\if@R
1344   \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
1345     \TitleBarFrame{\textbf{#1}\ (\if@RTL else\ cont\fi)}}}%
1346   \MakeFramed{\advance\hsize-20pt \FrameRestore}%
1347 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
1348 % could interfere with the width measurement.
1349 {\endMakeFramed}
```

### 32 File glossaries-xepersian.def

```
1350 \ProvidesFile{glossaries-xepersian.def}[2014/09/04 v0.4 xepersian adaptations for glossaries p
1351 \glsaddprotectedpagefmt{@harfi}
1352 \glsaddprotectedpagefmt{@tartibi}
1353 \glsaddprotectedpagefmt{@adadi}
```

### 33 File hyperref-xepersian.def

```
1354 \ProvidesFile{hyperref-xepersian.def}[2015/02/02 v0.6 bilingual captions for hyperref package]
1355 \def\equationautorefname{\if@RTL else\ Equation\fi}%
1356 \def\footnoteautorefname{\if@RTL else\ footnote\fi}%
1357 \def\itemautorefname{\if@RTL else\ item\fi}%
1358 \def\figureautorefname{\if@RTL else\ Figure\fi}%
1359 \def\tableautorefname{\if@RTL else\ Table\fi}%
1360 \def\partautorefname{\if@RTL else\ Part\fi}%
1361 \def\appendixautorefname{\if@RTL else\ Appendix\fi}%
1362 \def\chapterautorefname{\if@RTL else\ chapter\fi}%
1363 \def\sectionautorefname{\if@RTL else\ section\fi}%
1364 \def\subsectionautorefname{\if@RTL else\ subsection\fi}%
1365 \def\subsubsectionautorefname{\if@RTL else\ subsubsection\fi}%
1366 \def\paragraphautorefname{\if@RTL else\ paragraph\fi}%
1367 \def\subparagraphautorefname{\if@RTL else\ subparagraph\fi}%
1368 \def\FancyVerbLineautorefname{\if@RTL else\ line\fi}%
1369 \def\theoremautorefname{\if@RTL else\ Theorem\fi}%
1370 \def\pageautorefname{\if@RTL else\ page\fi}%
1371 \AtBeginDocument{%
1372 \let\HyOrg@appendix\appendix
1373 \def\appendix{%
1374   \ltx@ifundefined{chapter}%
1375     {\gdef\theHsection{\Alph{section}}}%
1376     {\gdef\theHchapter{\Alph{chapter}}}%
1377   \xdef\Hy@chapapp{\Hy@appendixstring}%

```





```

1378 \HyOrg@appendix
1379 }
1380 }
1381 \pdfstringdefDisableCommands{%
1382 \let\lr\@firstofone
1383 \let\rl\@firstofone
1384 \def\XePersian{\XePersian}
1385 }
1386 \ltx@ifundefined{@resets@pp}{%
1387 }{%
1388 \let\HyOrg@resets@pp\@resets@pp
1389 \def\@resets@pp{%
1390 \ltx@ifundefined{chapter}{%
1391 \gdef\theHsection{\Hy@AlphNoErr{section}}}%
1392 }{%
1393 \gdef\theHchapter{\Hy@AlphNoErr{chapter}}}%
1394 }%
1395 \xdef\Hy@chapapp{\Hy@appendixstring}%
1396 \HyOrg@resets@pp
1397 }%
1398 }

```

## 34 File imspc-xepersian.def

```

1399 \ProvidesFile{imspc-xepersian.def}[2017/06/09 v0.5 xepersian adaptations for imspc class f
1400
1401 \renewcommand \thepart {\@tartibi\c@part}
1402 \def\appendix{\par\c@section\z@ \c@subsection\z@
1403 \let\sectionname\appendixname
1404 \def\thesection{\@harfi\c@section}}
1405

```

## 35 File kashida-xepersian.def

```

1406 \ProvidesFile{kashida-xepersian.def}[2018/01/04 v0.6 implementation of Kashida for xepersian p
1407 \chardef\xepersian@zwj="200D % zero-width joiner
1408 \chardef\xepersian@kashidachar="0640 % kashida
1409
1410 \chardef\xepersian@D=10 % dual-joiner class
1411 \chardef\xepersian@L=11 % lam
1412 \chardef\xepersian@R=12 % right-joiner
1413 \chardef\xepersian@A=13 % alef
1414 \chardef\xepersian@H=14 % heh
1415 \chardef\xepersian@V=4096 % vowel or other combining mark (to be ignored)
1416 \newif\if@Kashida@on
1417 \newif\if@Kashida@XB@fix
1418 \def\xepersian@kashida{\if@Kashida@on\xepersian@zwj\nobreak%
1419 \leaders\hrule height \XeTeXglyphheight\tw@ \the\XeTeXcharglyph\xepersian@kashidachar dep
1420
1421 \def\setclass#1#2{\def\theclass{#1}\def\charlist{#2}%

```



```

1422 \expandafter\dosetclass\charlist,\end}
1423 \def\dosetclass#1,#2\end{%
1424 \def\test{#1}\def\charlist{#2}%
1425 \ifx\test\empty\let\next\finishsetclass
1426 \else \XeTeXcharclass "\test = \theclass
1427 \let\next\dosetclass \fi
1428 \expandafter\next\charlist,,\end}
1429 \def\finishsetclass#1,,\end{}
1430
1431 \setclass \xepersian@A {0622,0623,0625,0627}
1432 \setclass \xepersian@R {0624,0629,062F,0630,0631,0632,0648,0698}
1433 \setclass \xepersian@D {0626,0628,062A,062B,062C,062D,062E}
1434 \setclass \xepersian@D {0633,0634,0635,0636,0637,0638,0639,063A}
1435 %\setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0647,0649,064A}
1436 \setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0649,064A}
1437 \setclass \xepersian@H {0647}
1438 \setclass \xepersian@D {067E,0686,06A9,06AF,06CC}
1439 \setclass \xepersian@L {0644}
1440 \setclass \xepersian@V {064B,064C,064D,064E,064F,0650,0651,0652}
1441
1442 \XeTeXinterchartoks \xepersian@D \xepersian@D = {\xepersian@kashida}
1443 \XeTeXinterchartoks \xepersian@H \xepersian@D = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1444 \XeTeXinterchartoks \xepersian@D \xepersian@H = {\xepersian@kashida}
1445 \XeTeXinterchartoks \xepersian@L \xepersian@D = {\xepersian@kashida}
1446 \XeTeXinterchartoks \xepersian@D \xepersian@L = {\xepersian@kashida}
1447 \XeTeXinterchartoks \xepersian@L \xepersian@H = {\xepersian@kashida}
1448 \XeTeXinterchartoks \xepersian@H \xepersian@L = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1449 \XeTeXinterchartoks \xepersian@L \xepersian@L = {\xepersian@kashida}
1450 \XeTeXinterchartoks \xepersian@D \xepersian@R = {\xepersian@kashida}
1451 \XeTeXinterchartoks \xepersian@H \xepersian@R = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1452 \XeTeXinterchartoks \xepersian@D \xepersian@A = {\xepersian@kashida}
1453 \XeTeXinterchartoks \xepersian@H \xepersian@A = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1454 \XeTeXinterchartoks \xepersian@L \xepersian@R = {\xepersian@kashida}
1455 \XeTeXinterchartoks \xepersian@L \xepersian@A = {}
1456
1457 \newcommand{\KashidaOn}{\@Kashida@ontrue}
1458 \newcommand{\KashidaOff}{\@Kashida@onfalse}
1459
1460 \newcommand{\KashidaXBFixOn}{\@Kashida@XB@fixtrue}
1461 \newcommand{\KashidaXBFixOff}{\@Kashida@XB@fixfalse}
1462 \KashidaOn

```

## 36 File listings-xepersian.def

```

1463 \ProvidesFile{listings-xepersian.def}[2014/07/17 v0.3 bilingual captions for listings package]
1464 \def\lstlistingname{\if@RTL else\ Listing\fi}
1465 \def\lstlistlistingname{\if@RTL else\ Listings\fi}

```

## 37 File loadingorder-xepersian.def



```

1466 \ProvidesFile{loadingorder-xepersian.def}[2017/09/06 v0.4 making sure that xepersian is the la
1467 \bidi@isloaded{algorithmic}
1468 \bidi@isloaded{algorithm}
1469 \bidi@isloaded{backref}
1470 \bidi@isloaded{enumerate}
1471 \bidi@isloaded{enumitem}
1472 \bidi@isloaded{tocloft}
1473 \bidi@isloaded{url}
1474 \AtBeginDocument{
1475   \if@bidi@algorithmicloaded@ \else
1476     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithmic after xepersian}{}]
1477   \fi%
1478   \if@bidi@algorithmloaded@ \else
1479     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithm after xepersian}{}]
1480   \fi%
1481   \if@bidi@backrefloaded@ \else
1482     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package backref after xepersian}{}]
1483   \fi%
1484   \if@bidi@enumerateloaded@ \else
1485     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumerate after xepersian}{}]
1486   \fi%
1487   \if@bidi@enumitemloaded@ \else
1488     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumitem after xepersian}{}]
1489   \fi%
1490   \if@bidi@tocloftloaded@ \else
1491     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package tocloft after xepersian}{}]
1492   \fi%
1493   \if@bidi@urlloaded@ \else
1494     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package url after xepersian}{}]
1495   \fi%
1496 }

```

### 38 File localise-xepersian.def

```

1497 \ProvidesFile{localise-xepersian.def}[2014/07/10 v0.2b Persian localisation of LaTeX2e]
1498 \newcommand{\makezwnjletter}{\catcode`\=11\relax}
1499 \makezwnjletter
1500 \newcommand*{\eqcommand}[2]{\if@bidi@csprimitive{#2}{\bidi@csletcs{#1}{#2}}{\bidi@csdefcs{#1}{#2}}}
1501 \newcommand*{\eqenvironment}[2]{\newenvironment{#1}{\csname#2\endcsname}{\csname end#2\endcsname}}
1502 \@ifpackageloaded{keyval}{%
1503 \newcommand*{keyval@eq@alias@key}[4][KV]{%
1504   \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1505   \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1506 }{\@ifpackageloaded{xkeyval}{%
1507 \newcommand*{keyval@eq@alias@key}[4][KV]{%
1508   \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1509   \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1510 }{}}
1511 \input{latex-localise-commands-xepersian.def}
1512 \input{xepersian-localise-commands-xepersian.def}

```



```

1513 \input{latex-localise-environments-xepersian.def}
1514 \input{xepersian-localise-environments-xepersian.def}
1515 \input{latex-localise-messages-xepersian.def}
1516 \input{latex-localise-misc-xepersian.def}
1517 \input{packages-localise-xepersian.def}
1518 \aliasfontfeature{ExternalLocation}{ }
1519 \aliasfontfeature{ExternalLocation}{ }
1520 \aliasfontfeature{Renderer}{ }
1521 \aliasfontfeature{BoldFont}{ }
1522 \aliasfontfeature{Language}{ }
1523 \aliasfontfeature{Script}{ }
1524 \aliasfontfeature{UprightFont}{ }
1525 \aliasfontfeature{ItalicFont}{ }
1526 \aliasfontfeature{BoldItalicFont}{ }
1527 \aliasfontfeature{SlantedFont}{ }
1528 \aliasfontfeature{BoldSlantedFont}{ }
1529 \aliasfontfeature{SmallCapsFont}{ }
1530 \aliasfontfeature{UprightFeatures}{ }
1531 \aliasfontfeature{BoldFeatures}{ }
1532 \aliasfontfeature{ItalicFeatures}{ }
1533 \aliasfontfeature{BoldItalicFeatures}{ }
1534 \aliasfontfeature{SlantedFeatures}{ }
1535 \aliasfontfeature{BoldSlantedFeatures}{ }
1536 \aliasfontfeature{SmallCapsFeatures}{ }
1537 \aliasfontfeature{SizeFeatures}{ }
1538 \aliasfontfeature{Scale}{ }
1539 \aliasfontfeature{WordSpace}{ }
1540 \aliasfontfeature{PunctuationSpace}{ }
1541 \aliasfontfeature{FontAdjustment}{ }
1542 \aliasfontfeature{LetterSpace}{ }
1543 \aliasfontfeature{HyphenChar}{ }
1544 \aliasfontfeature{Color}{ }
1545 \aliasfontfeature{Opacity}{ }
1546 \aliasfontfeature{Mapping}{ }
1547 \aliasfontfeature{Weight}{ }
1548 \aliasfontfeature{Width}{ }
1549 \aliasfontfeature{OpticalSize}{ }
1550 \aliasfontfeature{FakeSlant}{ }
1551 \aliasfontfeature{FakeStretch}{ }
1552 \aliasfontfeature{FakeBold}{ }
1553 \aliasfontfeature{AutoFakeSlant}{ }
1554 \aliasfontfeature{AutoFakeBold}{ }
1555 \aliasfontfeature{Ligatures}{ }
1556 \aliasfontfeature{Alternate}{ }
1557 \aliasfontfeature{Variant}{ }
1558 \aliasfontfeature{Variant}{ }
1559 \aliasfontfeature{CharacterVariant}{ }
1560 \aliasfontfeature{Style}{ }
1561 \aliasfontfeature{Annotation}{ }
1562 \aliasfontfeature{RawFeature}{ }

```



```

1563 \aliasfontfeature{CharacterWidth}{      }
1564 \aliasfontfeature{Numbers}{      }
1565 \aliasfontfeature{Contextuals}{      }
1566 \aliasfontfeature{Diacritics}{      }
1567 \aliasfontfeature{Letters}{      }
1568 \aliasfontfeature{Kerning}{      }
1569 \aliasfontfeature{VerticalPosition}{      }
1570 \aliasfontfeature{Fractions}{      }
1571 \aliasfontfeatureoption{Language}{Default}{      }
1572 \aliasfontfeatureoption{Language}{Parsi}{      }
1573 \aliasfontfeatureoption{Script}{Parsi}{      }
1574 \aliasfontfeatureoption{Script}{Latin}{      }
1575 \aliasfontfeatureoption{Style}{MathScript}{      }
1576 \aliasfontfeatureoption{Style}{MathScriptScript}{      }

```

### 39 File memoir-xepersian.def

```

1577 \ProvidesFile{memoir-xepersian.def}[2010/07/25 v0.1 adaptations for memoir class]
1578 \renewcommand{\@memfront}{%
1579   \@smemfront\pagenumbering{harfi}}
1580 \renewcommand{\setthesection}{\thechapter\@SepMark\harfi{section}}
1581 \renewcommand*{\thebook}{\@tartibi\c@book}
1582 \renewcommand*{\thepart}{\@tartibi\c@part}
1583 \renewcommand{\appendix}{\par
1584   \setcounter{chapter}{0}%
1585   \setcounter{section}{0}%
1586   \gdef\@chapapp{\appendixname}%
1587   \gdef\thechapter{\@harfi\c@chapter}%
1588   \anappendixtrue}

```

### 40 File latex-localise-messages-xepersian.def

```

1589 latex} \-localise-messages-xepersian.def}[2011/03/01 v0.1 localising LaTeX2e messages]

```

### 41 File minitoc-xepersian.def

```

1590 \ProvidesFile{minitoc-xepersian.def}[2010/07/25 v0.1 bilingual captions for minitoc package]
1591 \def\ptctitle{\if@RTL else\   Table of Contents\fi}%
1592 \def\plftitle{\if@RTL else\   List of Figures\fi}%
1593 \def\pltttitle{\if@RTL else\   List of Tables\fi}%
1594 \def\mtctitle{\if@RTL else\   Contents\fi}%
1595 \def\mlftitle{\if@RTL else\   Figures\fi}%
1596 \def\mltttitle{\if@RTL else\   Tables\fi}%
1597 \def\stctitle{\if@RTL else\   Contents\fi}%
1598 \def\slftitle{\if@RTL else\   Figures\fi}%
1599 \def\sltttitle{\if@RTL else\   Tables\fi}%

```

### 42 File latex-localise-misc-xepersian.def

```

1600 \ProvidesFile{latex-localise-misc-xepersian.def}[2012/01/01 v0.2 miscellaneous Persian localis

```



```

1601 %}1# \ \
1602 \@ \ @ \ \
1603 \1# \
1604 \1# @\
1605 \1# @\
1606 {@ \ \
1607 %}2#1# @\ \
1608 %1# \ @\ \ \ \
1609 \2# \ @\ \
1610 {{2#1# \}}
1611 undefined\ \ \
1612
1613 %{\ \ \ \ \1#} \ \} \1# \ \
1614 \ { \ \ \
1615 \ \ \
1616
1617
1618 \ \ \ \%} \#1
1619 \1#} \ \ \% \
1620 \ \ \ \
1621 }%
1622 \
1623 \ \ \ \
1624 }
1625 \= \ \
1626
1627
1628 \@ifdefinitionfileloaded{latex-xetex-bidi}{%
1629 \def\@xfloat #1[#2]{%
1630 \nodocument
1631 \def \@capttype {#1}%
1632 \def \@fps {#2}%
1633 \@onelevel@sanitize \@fps
1634 \def \reserved@b {!}%
1635 \ifx \reserved@b \@fps
1636 \@fpsadddefault
1637 \else
1638 \ifx \@fps \empty
1639 \@fpsadddefault
1640 \fi
1641 \fi
1642 \ifhmode
1643 \@bsphack
1644 \@floatpenalty -\@Mii
1645 \else
1646 \@floatpenalty -\@Miii
1647 \fi
1648 \ifinner
1649 \@parmoderr\@floatpenalty\z@
1650 \else

```



```

1651 \@next\@currbox\@freelist
1652 {%
1653   \@tempcnta \sixt@@n
1654   \expandafter \@tfor \expandafter \reserved@a
1655   \expandafter :\expandafter =\@fps
1656   \do
1657   {%
1658     \if \reserved@a h%
1659     \ifodd \@tempcnta
1660     \else
1661       \advance \@tempcnta \@ne
1662     \fi
1663     \fi
1664     \if \reserved@a %
1665     \ifodd \@tempcnta
1666     \else
1667       \advance \@tempcnta \@ne
1668     \fi
1669     \fi
1670     \if \reserved@a t%
1671     \@setfpsbit \tw@
1672     \fi
1673     \if \reserved@a %
1674     \@setfpsbit \tw@
1675     \fi
1676     \if \reserved@a b%
1677     \@setfpsbit 4%
1678     \fi
1679     \if \reserved@a %
1680     \@setfpsbit 4%
1681     \fi
1682     \if \reserved@a p%
1683     \@setfpsbit 8%
1684     \fi
1685     \if \reserved@a %
1686     \@setfpsbit 8%
1687     \fi
1688     \if \reserved@a !%
1689     \ifnum \@tempcnta>15
1690     \advance\@tempcnta -\sixt@@n\relax
1691     \fi
1692     \fi
1693   }%
1694   \@tempcntb \csname ftype@\@captype \endcsname
1695   \multiply \@tempcntb \@xxxii
1696   \advance \@tempcnta \@tempcntb
1697   \global \count\@currbox \@tempcnta
1698 }%
1699 \@fltovf
1700 \fi

```



```

1701 \global \setbox\@currbox
1702 \color@vbox
1703 \normalcolor
1704 \vbox \bgroup
1705 \hsize\columnwidth
1706 \@parboxrestore
1707 \@floatboxreset
1708 }
1709 \let\bm@ \bm@c
1710 \let\bm@ \bm@l
1711 \let\bm@ \bm@r
1712 \let\bm@ \bm@b
1713 \let\bm@ \bm@t
1714 \let\bm@ \bm@s
1715 \long\def\@iiparbox#1#2[#3]#4#5{%
1716 \leavevmode
1717 \@pboxswfalse
1718 \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1719 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\else\
1720 \setlength\@tempdima{#4}%
1721 \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@par}%
1722 \ifx\relax#2\else
1723 \setlength\@tempdimb{#2}%
1724 \edef\@parboxto{to\the\@tempdimb}%
1725 \fi
1726 \if#1b\vbox
1727 \else\if#1\vbox
1728 \else\if #1t\top
1729 \else\if vtop\ #1
1730 \else\ifmmode\center
1731 \else\@pboxswtrue $\center
1732 \fi\fi\fi\fi\fi
1733 \@parboxto{\let\hss\vss\let\unhbox\unvbox
1734 \csname bm@#3\endcsname}%
1735 \if@pboxsw \m@th$\fi
1736 \@end@tempboxa}
1737 \def\@iiiminipage#1#2[#3]#4{%
1738 \leavevmode
1739 \@pboxswfalse
1740 \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1741 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\els
1742 \setlength\@tempdima{#4}%
1743 \def\@mpargs{{#1}{#2}[#3]{#4}}%
1744 \setbox\@tempboxa\vbox\bgroup
1745 \color@begingroup
1746 \hsize\@tempdima
1747 \textwidth\hsize \columnwidth\hsize
1748 \@parboxrestore
1749 \def\@mpfn{\mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
1750 \let\@footnotetext\@mpfootnotetext

```





```

1751 \let\@LTRfootnotetext\@mpLTRfootnotetext
1752 \let\@RTLfootnotetext\@mpRTLfootnotetext
1753 \let\@listdepth\@mplistdepth \@mplistdepth\z@
1754 \@minipagerestore
1755 \setminipage}
1756 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
1757 \ifnum \@lastchclass=3 5 \else
1758 \z@ \if #1c\@chnum \z@ \else
1759 \if chnum@ \#1 \z@ \else
1760 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1761 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
1762 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1763 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
1764 \@chclass \if #1|\@ne \else
1765 \if #1@\tw@ \else
1766 \if #1p3 \else
1767 \if 3 #1 \else \z@ \@preamerr 0\fi
1768 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1769 \fi}%
1770 }{}
1771 \ifdefinitionfileloaded{array-xetex-bidi}{%
1772 \def\@testpach{\@chclass
1773 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1774 \ifnum \@lastchclass=7 5 \else
1775 \ifnum \@lastchclass=8 \tw@ \else
1776 \ifnum \@lastchclass=9 \thr@@
1777 \else \z@
1778 \ifnum \@lastchclass = 10 \else
1779 \edef\@nextchar{\expandafter\string\@nextchar}%
1780 \@chnum
1781 \if \@nextchar c\z@ \else
1782 \if \@nextchar @z\ \else
1783 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1784 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1785 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1786 \if \@nextchar \if@RTLtab else\ @fi\tw\ \else
1787 \z@ \@chclass
1788 \if \@nextchar |\@ne \else
1789 \if \@nextchar !6 \else
1790 \if \@nextchar @7 \else
1791 \if \@nextchar <8 \else
1792 \if \@nextchar >9 \else
1793 10
1794 \@chnum
1795 \if \@nextchar m\thr@@\else
1796 \if \@nextchar thr@@\else\
1797 \if \@nextchar p4 \else
1798 \if \@nextchar 4 \else
1799 \if \@nextchar b5 \else
1800 \if \@nextchar 5 \else

```



```

1801 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi
1802 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
1803 }{}
1804 \ifdefinitionfileloaded{arydshln-xetex-bidi}{
1805 \ifadl@usingarypkg
1806 \def\@testpach{\@chclass
1807 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1808 \ifnum \@lastchclass=7 5 \else
1809 \ifnum \@lastchclass=8 \tw@ \else
1810 \ifnum \@lastchclass=9 \thr@@
1811 \else \z@
1812 \ifnum \@lastchclass = 10 \else
1813 \edef\@nextchar{\expandafter\string\@nextchar}%
1814 \@chnum
1815 \if \@nextchar c\z@ \else
1816 \if \@nextchar @z\ \else
1817 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1818 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1819 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1820 \if \@nextchar \if@RTLtab else\ @fi\tw\ \else
1821 \z@ \@chclass
1822 \if \@nextchar |\@ne \let\@arrayrule\adl@arrayrule \else
1823 \if \@nextchar : \@ne \let\@arrayrule\adl@arraydashrule \else
1824 \if \@nextchar ; \@ne \let\@arrayrule\adl@argarraydashrule \else
1825 \if \@nextchar !6 \else
1826 \if \@nextchar @7 \else
1827 \if \@nextchar <8 \else
1828 \if \@nextchar >9 \else
1829 10
1830 \@chnum
1831 \if \@nextchar m\thr@@\else
1832 \if \@nextchar thr@@\else\
1833 \if \@nextchar p4 \else
1834 \if \@nextchar 4 \else
1835 \if \@nextchar b5 \else
1836 \if \@nextchar 5 \else
1837 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1838 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1839
1840 \def\@classz{\@classx
1841 \@tempcnta \count@
1842 \prepnext@tok
1843 \@addtopreamble{\ifcase \@chnum
1844 \hfil
1845 \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1846 \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1847 \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
1848 \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
1849 \adl@endmbox\or
1850 \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or

```



```

1851 \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1852 \fi}\prepnext@tok}
1853 \def\adl@class@start{4}
1854 \def\adl@class@iiiorvii{7}
1855
1856 \else
1857 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
1858 \ifnum \@lastchclass=\thr@@ 5\relax \else
1859 \z@ \if #1c\@chnum \z@ \else
1860 \if @chnum\z@ #1 \else
1861 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1862 \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
1863 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1864 \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
1865 \@chclass
1866 \if #1\@ne \let\@arrayrule\adl@arrayrule \else
1867 \if #1:\@ne \let\@arrayrule\adl@arraydashrule \else
1868 \if #1;\@ne \let\@arrayrule\adl@argarraydashrule \else
1869 \if #1\@tw@ \else
1870 \if #1p\thr@@ \else
1871 \if @@thr\ #1 \else\z@ \@preamerr 0\fi
1872 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1873
1874 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1875 \or \or \@addamp \or
1876 \@acolampacol \or \@firstampfalse \@acol \fi
1877 \edef\@preamble{\@preamble
1878 \ifcase \@chnum
1879 \hfil\adl@putlrc{\$ \relax \@sharp$}\hfil
1880 \or \adl@putlrc{\$ \relax \@sharp$}\hfil
1881 \or \hfil\adl@putlrc{\$ \relax \@sharp$}\fi}}
1882 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1883 \or \or \@addamp \or
1884 \@acolampacol \or \@firstampfalse \@acol \fi
1885 \edef\@preamble{\@preamble
1886 \ifcase \@chnum
1887 \hfil\adl@putlrc{\@sharp\unskip}\hfil
1888 \or \adl@putlrc{\@sharp\unskip}\hfil
1889 \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
1890 \def\adl@class@start{6}
1891 \def\adl@class@iiiorvii{3}
1892 \fi
1893 }{}
1894 \@ifdefinitionfileloaded{tabulary-xetex-bidi}{%
1895 \def\@testpach{\@chclass
1896 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1897 \ifnum \@lastchclass=7 5 \else
1898 \ifnum \@lastchclass=8 \tw@ \else
1899 \ifnum \@lastchclass=9 \thr@@
1900 \else \z@

```



```

\ifnum \@lastchclass = 10 \else
\edef\@nextchar{\expandafter\string\@nextchar}%
\@chnum
\if \@nextchar c\z@ \else
\if \@nextchar @z\ \else
\if \@nextchar \if@RTLtab r\else l\fi\@ne \else
\if \@nextchar \if@RTLtab else\ fi\@ne\ \else
\if \@nextchar \if@RTLtab l\else r\fi\tw@\ \else
\if \@nextchar \if@RTLtab else\ @fi\tw\ \else
\if \@nextchar C7 \else
\if \@nextchar 7 \else
\if \@nextchar L8 \else
\if \@nextchar 8 \else
\if \@nextchar R9 \else
\if \@nextchar 9 \else
\if \@nextchar J10 \else
\if \@nextchar 10 \else
\z@ \@chclass
\if\@nextchar |\@ne \else
\if \@nextchar !6 \else
\if \@nextchar @7 \else
\if \@nextchar <8 \else
\if \@nextchar >9 \else
10
\@chnum
\if \@nextchar m\thr@@\else
\if \@nextchar thr@@\else\
\if \@nextchar p4 \else
\if \@nextchar4 \else
\if \@nextchar b5 \else
\if \@nextchar 5 \else
\z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi %
\fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \%}
}{}}
\@ifdefinitionfileloaded{float-xetex-bidi}{%
\let\@float@Hx\@xfloat
\def\@xfloat#1[{\@ifnextchar{H}{\@float@HH[#1]}]{\@ifnextchar{ }{\@float@{#1} []}\@float@Hx{#1}}{}
\def\@float@HH#1[H] {%
\expandafter\let\csname end#1\endcsname\float@endH
\let\@currbox\float@box
\def\@captive{#1}\setbox\@floatcapt=\vbox{%
\expandafter\ifx\csname fst@#1\endcsname\relax
\@flstylefalse\else\@flstyletrue\fi
\setbox\@currbox\color@vbox\normalcolor
\vbox\bgroup \hspace\columnwidth \@parboxrestore
\@floatboxreset \@setnobreak
\ignorespaces}
\def\@float@[ ]l# {}%
\expandafter\let\csname end#1\endcsname\float@endH
\let\@currbox\float@box
```



```

1951 \def\@capttype{#1}\setbox\@floatcapt=\vbox{}%
1952 \expandafter\ifx\csname fst@#1\endcsname\relax
1953 \ifstylefalse\else\ifstyletrue\fi
1954 \setbox\@currbox\color\vbox\normalcolor
1955 \vbox\bgroup \hsize\columnwidth \@parboxrestore
1956 \floatboxreset \@setnobreak
1957 \ignorespaces}
1958 {}
1959 \begingroup \catcode `|=0 \catcode `|=1
1960 \catcode`=2 \catcode `={12 \catcode `}=12
1961 \catcode`\=12 \gdef\@x@xepersian@localize@verbatim#1[[ ] |1#]{ }
1962 \gdef\@sx@xepersian@localize@verbatim#1[[* ] |1#]{* }
1963 \endgroup
1964 \def\@frenchspacing\@vobeyspaces \@x@xepersian@localize@verbatim}
1965 \def\end\@ifnewlist \leavevmode\fi\endtrivlist}
1966 \ExplSyntaxOn
1967 \AtBeginDocument{\@namedef{ }*}{\@verbatim \fontspec_print_visible_spaces: \@sx@xepersian@
1968 \ExplSyntaxOff
1969 \expandafter\let\csname end * \endcsname =\end

```

### 43 File natbib-xepersian.def

```

1970 \ProvidesFile{natbib-xepersian.def}[2011/08/01 v0.1 adaptations for natbib package]
1971 \renewcommand\NAT@set@cites{%
1972 \ifNAT@numbers
1973 \ifNAT@super \let\@cite\NAT@citesuper
1974 \def\NAT@mbox##1{\unskip\nobreak\textsuperscript{##1}}%
1975 \let\citeyearpar=\citeyear
1976 \let\NAT@space\relax
1977 \def\NAT@super@kern{\kern{p}}%
1978 \else
1979 \let\NAT@mbox=\mbox
1980 \let\@cite\NAT@citenum
1981 \let\NAT@space\NAT@spacechar
1982 \let\NAT@super@kern\relax
1983 \fi
1984 \let\@citex\NAT@citexnum
1985 \let\@Latincitex\NAT@Latin@citexnum
1986 \let\@biblabel\NAT@biblabelnum
1987 \let\@bibsetup\NAT@bibsetnum
1988 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@num\NAT@close}%
1989 \def\natexlab##1{%
1990 \def\NAT@penalty{\penalty\@m}%
1991 \else
1992 \let\@cite\NAT@cite
1993 \let\@citex\NAT@citex
1994 \let\@Latincitex\NAT@Latin@citex
1995 \let\@biblabel\NAT@biblabel
1996 \let\@bibsetup\NAT@bibsetup
1997 \let\NAT@space\NAT@spacechar

```



```

1998 \let\NAT@penalty\@empty
1999 \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@date\NAT@close}%
2000 \def\natexlab##1{##1}%
2001 \fi}
2002 \newcommand\NAT@Latin@citex{}
2003 \def\NAT@Latin@citex%
2004   [#1] [#2] #3{%
2005   \NAT@reset@parser
2006   \NAT@sort@cites{#3}%
2007   \NAT@reset@citea
2008   \@cite{\lr{\let\NAT@nm\@empty\let\NAT@year\@empty
2009     \@for\@citeb:=\NAT@cite@list\do
2010       {\@safe@activestrue
2011         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2012         \@safe@activesfalse
2013         \@ifundefined{b@\@citeb\@extra@b@citeb}{\@citea%
2014           {\reset@font\bfseries ?}\NAT@citeundefined
2015             \PackageWarning{natbib}%
2016             {Citation ``\@citeb' on page \thepage \space undefined}\def\NAT@date{}}}%
2017         {\let\NAT@last@nm=\NAT@nm\let\NAT@last@yr=\NAT@year
2018           \NAT@parse{\@citeb}%
2019           \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2020             \let\NAT@name=\NAT@all@names
2021             \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}}%
2022           \fi
2023           \ifNAT@full\let\NAT@nm\NAT@all@names\else
2024             \let\NAT@nm\NAT@name\fi
2025           \ifNAT@swa\ifcase\NAT@ctype
2026             \if\relax\NAT@date\relax
2027               \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}\NAT@date}%
2028             \else
2029               \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2030                 \ifx\NAT@last@yr\NAT@year
2031                   \def\NAT@temp{?}%
2032                   \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2033                     {Multiple citation on page \thepage: same authors and
2034                     year\MessageBreak without distinguishing extra
2035                     letter,\MessageBreak appears as question mark}\fi
2036                   \NAT@hyper@{\NAT@exlab}%
2037                 \else\unskip\NAT@spacechar
2038                   \NAT@hyper@{\NAT@date}%
2039                 \fi
2040               \else
2041                 \@citea\NAT@hyper@{%
2042                   \NAT@nmfmt{\NAT@nm}%
2043                   \hyper@natlinkbreak{%
2044                     \NAT@aysep\NAT@spacechar}{\@citeb\@extra@b@citeb
2045                     }%
2046                   \NAT@date
2047                 }%

```



```

2048     \fi
2049   \fi
2050   \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2051   \or\@citea\NAT@hyper@{\NAT@date}%
2052   \or\@citea\NAT@hyper@{\NAT@alias}%
2053   \fi \NAT@def@citea
2054   \else
2055     \ifcase\NAT@ctype
2056     \if\relax\NAT@date\relax
2057       \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2058     \else
2059       \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2060         \ifx\NAT@last@yr\NAT@year
2061           \def\NAT@temp{{?}}%
2062           \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2063             {Multiple citation on page \thepage: same authors and
2064             year\MessageBreak without distinguishing extra
2065             letter,\MessageBreak appears as question mark}\fi
2066           \NAT@hyper@{\NAT@exlab}%
2067         \else
2068           \unskip\NAT@spacechar
2069           \NAT@hyper@{\NAT@date}%
2070         \fi
2071       \else
2072         \@citea\NAT@hyper@{%
2073           \NAT@nmfmt{\NAT@nm}%
2074           \hyper@natlinkbreak{\NAT@spacechar\NAT@@open\if*#1*\else#1\NAT@spacechar\fi}%
2075           {\@citeb\@extra@b@citeb}%
2076           \NAT@date
2077         }%
2078       \fi
2079     \fi
2080     \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2081     \or\@citea\NAT@hyper@{\NAT@date}%
2082     \or\@citea\NAT@hyper@{\NAT@alias}%
2083     \fi
2084     \if\relax\NAT@date\relax
2085       \NAT@def@citea
2086     \else
2087       \NAT@def@citea@close
2088     \fi
2089   \fi
2090   }}\ifNAT@swa\else\if*#2*\else\NAT@cmt#2\fi
2091   \if\relax\NAT@date\relax\else\NAT@@close\fi\fi}}{#1}{#2}}
2092 \newcommand\NAT@Latin@citexnum{}
2093 \def\NAT@Latin@citexnum[#1][#2]#3{%
2094   \NAT@reset@parser
2095   \NAT@sort@cites{#3}%
2096   \NAT@reset@citea
2097   \@cite{\lr{\def\NAT@num{-1}\let\NAT@last@yr\relax\let\NAT@nm\@empty

```



```

2098 \@for\@citeb:=\NAT@cite@list\do
2099 {\@safe@activetrue
2100 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2101 \@safe@activesfalse
2102 \@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2103   {\reset@font\bfseries?}
2104   \NAT@citeundefined\PackageWarning{natbib}%
2105   {Citation `'\@citeb' on page \thepage \space undefined}}%
2106 {\let\NAT@last@num\NAT@num\let\NAT@last@nm\NAT@nm
2107   \NAT@parse{\@citeb}%
2108   \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2109     \let\NAT@name=\NAT@all@names
2110     \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}%
2111   \fi
2112   \ifNAT@full\let\NAT@nm\NAT@all@names\else
2113     \let\NAT@nm\NAT@name\fi
2114   \ifNAT@swa
2115     \@ifnum{\NAT@cotype>\@ne}{%
2116       \citea
2117       \NAT@hyper@{\@ifnum{\NAT@cotype=\tw@}{\NAT@test{\NAT@cotype}}{\NAT@alias}}%
2118     }{%
2119       \@ifnum{\NAT@cmprs>\z@}{%
2120         \NAT@ifcat@num\NAT@num
2121         {\let\NAT@nm=\NAT@num}%
2122         {\def\NAT@nm{-2}}%
2123         \NAT@ifcat@num\NAT@last@num
2124         {\@tempcnta=\NAT@last@num\relax}%
2125         {\@tempcnta\m@ne}%
2126         \@ifnum{\NAT@nm=\@tempcnta}{%
2127           \@ifnum{\NAT@merge>\@ne}{\NAT@last@yr@mbox}%
2128         }{%
2129           \advance\@tempcnta by\@ne
2130           \@ifnum{\NAT@nm=\@tempcnta}{%
2131             \ifx\NAT@last@yr\relax
2132               \def\NAT@last@yr{\@citea}%
2133             \else
2134               \def\NAT@last@yr{--\NAT@penalty}%
2135             \fi
2136           }{%
2137             \NAT@last@yr@mbox
2138           }%
2139         }%
2140       }{%
2141         \@tempswatrue
2142         \@ifnum{\NAT@merge>\@ne}{\@ifnum{\NAT@last@num=\NAT@num\relax}{\@tempswafalse}}{}%
2143         \if@tempswa\NAT@citea@mbox\fi
2144       }%
2145     }%
2146     \NAT@def@citea
2147   \else

```





```

2148 \ifcase\NAT@ctype
2149 \ifx\NAT@last@nm\NAT@nm \NAT@yrsep\NAT@penalty\NAT@space\else
2150 \@citea \NAT@test{\@ne}\NAT@spacechar\NAT@mbox{\NAT@super@kern\NAT@@open}%
2151 \fi
2152 \if*#1*\else#1\NAT@spacechar\fi
2153 \NAT@mbox{\NAT@hyper@{\@citenumfont{\NAT@num}}}%
2154 \NAT@def@citea@box
2155 \or
2156 \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%
2157 \or
2158 \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%
2159 \or
2160 \NAT@hyper@citea@space\NAT@alias
2161 \fi
2162 \fi
2163 }%
2164 }%
2165 \@ifnum{\NAT@cmprs>\z@}{\NAT@last@yr}{}%
2166 \ifNAT@swa\else
2167 \@ifnum{\NAT@ctype=\z@}{%
2168 \if*#2*\else\NAT@cmt#2\fi
2169 }{}%
2170 \NAT@mbox{\NAT@@close}%
2171 \fi
2172 }{\#1}{\#2}%
2173 }%
2174 \AtBeginDocument{\NAT@set@cites}
2175 \DeclareRobustCommand\Latincite
2176 {\begingroup\let\NAT@ctype\z@\NAT@partrue\NAT@swatrue
2177 \ifstar{\NAT@fulltrue\NAT@Latin@cites}{\NAT@fullfalse\NAT@Latin@cites}}
2178 \newcommand\NAT@Latin@cites{\@ifnextchar [{\NAT@@Latin@@citetp}{%
2179 \ifNAT@numbers\else
2180 \NAT@swafalse
2181 \fi
2182 \NAT@@Latin@@citetp[]}}
2183 \newcommand\NAT@@Latin@@citetp{}
2184 \def\NAT@@Latin@@citetp[#1]{\@ifnextchar [{\@Latincitex[#1]}{\@Latincitex[] [#1]}}

```

## 44 File packages-localise-xepersian.def

```

2185 packages} \-localise-xepersian.def[2013/04/24 v0.2 localising LaTeX2e Packages]
2186 color} \}{color} @\-localise-xepersian.def}}{}
2187 \@ifpackageloaded{multicol}{%
2188 \newenvironment{ }{\begin{multicols}}{\end{multicols}}}%
2189 \newenvironment{ *}{\begin{multicols*}}{\end{multicols*}}}%
2190 {}{}
2191 \@ifpackageloaded{verbatim}{%
2192 \begingroup
2193 \vrb@catcodes
2194 \lccode`!=`\\ \lccode`\[=`\{ \lccode`\]=`\}

```



```

2195 \catcode\~=\active \lccode\~=\^^M
2196 \lccode\C=\C
2197 \lowercase{\endgroup
2198 \def\xepersian@localize@verbatim@start#1{%
2199 \verbatim@startline
2200 \if\noexpand#1\noexpand~%
2201 \let\next\xepersian@localize@verbatim@
2202 \else \def\next{\xepersian@localize@verbatim@#1}\fi
2203 \next}%
2204 \def\xepersian@localize@verbatim@#1~{\xepersian@localize@verbatim@@#1! \@nil}%
2205 \def\xepersian@localize@verbatim@@#1! {%
2206 \verbatim@addtoline{#1}%
2207 \futurelet\next\xepersian@localize@verbatim@@}%
2208 \def\xepersian@localize@verbatim@@@#1\@nil{%
2209 \ifx\next\@nil
2210 \verbatim@processline
2211 \verbatim@startline
2212 \let\next\xepersian@localize@verbatim@
2213 \else
2214 \def\@tempa##1! \@nil{##1}%
2215 \@temptokena{! }%
2216 \def\next{\expandafter\xepersian@localize@verbatim@test\@tempa#1\@nil~}%
2217 \fi \next}%
2218 \def\xepersian@localize@verbatim@test#1{%
2219 \let\next\xepersian@localize@verbatim@test
2220 \if\noexpand#1\noexpand~%
2221 \expandafter\verbatim@addtoline
2222 \expandafter{\the\@temptokena}%
2223 \verbatim@processline
2224 \verbatim@startline
2225 \let\next\xepersian@localize@verbatim@
2226 \else \if\noexpand#1
2227 \@temptokena\expandafter{\the\@temptokena#1}%
2228 \else \if\noexpand#1\noexpand[%
2229 \let\@tempc\@empty
2230 \let\next\xepersian@localize@verbatim@testend
2231 \else
2232 \expandafter\verbatim@addtoline
2233 \expandafter{\the\@temptokena}%
2234 \def\next{\xepersian@localize@verbatim@#1}%
2235 \fi\fi\fi
2236 \next}%
2237 \def\xepersian@localize@verbatim@testend#1{%
2238 \if\noexpand#1\noexpand~%
2239 \expandafter\verbatim@addtoline
2240 \expandafter{\the\@temptokena}%
2241 \expandafter\verbatim@addtoline
2242 \expandafter{\@tempc}%
2243 \verbatim@processline
2244 \verbatim@startline

```



```

2245         \let\next\xepersian@localize@verbatim@
2246     \else\if\noexpand#1\noexpand]%
2247         \let\next\xepersian@localize@verbatim@@testend
2248     \else\if\noexpand#1\noexpand!%
2249         \expandafter\verbatim@addtoline
2250         \expandafter{\the\@temptokena[]}%
2251         \expandafter\verbatim@addtoline
2252         \expandafter{\@tempc}%
2253         \def\next{\xepersian@localize@verbatim@!}%
2254     \else \expandafter\def\expandafter\@tempc\expandafter
2255         {\@tempc#1}\fi\fi\fi
2256     \next}%
2257 \def\xepersian@localize@verbatim@@testend{%
2258     \ifx\@tempc\@currentvir
2259         \verbatim@finish
2260         \edef\next{\noexpand\end{\@currentvir}}%
2261         \noexpand\xepersian@localize@verbatim@rescan{\@currentvir}}%
2262     \else
2263         \expandafter\verbatim@addtoline
2264         \expandafter{\the\@temptokena[]}%
2265         \expandafter\verbatim@addtoline
2266         \expandafter{\@tempc}%
2267         \let\next\xepersian@localize@verbatim@
2268     \fi
2269     \next}%
2270 \def\xepersian@localize@verbatim@rescan#1#2~{\if\noexpand~\noexpand#2~\else
2271     \@warning{Characters dropped after `\'string\end{#1}'}\fi}}%
2272 \def\
2273     {\begingroup\@verbatim \frenchspacing\@vobeyspaces
2274     \xepersian@localize@verbatim@start}
2275 \def\
2276     {\endtrivlist\endgroup\@doendpe}
2277 \def\
2278     {\endcsname =\end
2279 }{}
2280 \ExplSyntaxOn
2281 \AtBeginDocument{
2282     \xepersian_localize_patch_verbatim:
2283 }
2284 \cs_set:Npn \xepersian_localize_patch_verbatim: {
2285     \@ifpackageloaded{verbatim}{
2286         \cs_set:cpn {*} {}
2287         \group_begin: \@verbatim \fontspec_print_visible_spaces: \xepersian@localize@verbatim@st
2288     }
2289 }
2290 \ExplSyntaxOff
2291 \@ifpackageloaded{graphicx}{%
2292     \def\Gin@boolkey#1#2{%
2293         \expandafter\ifdefinable \csname Gin@#2 \endcsname{%
2294             \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2true\endcsname}%

```



```

2295 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2296 \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2false\endcsname}%
2297 \csname Gin@#2\ifx\relax#1\relax true\else#1\fi\endcsname}
2298 \define@key{Grot}{origin}[c]{%
2299 \@tfor\@tempa:=#1\do{%
2300 \if l\@tempa \Grot@x\z@\else
2301 \if tempa@ \Grot@x\z@\else
2302 \if r\@tempa \Grot@x\width\else
2303 \if tempa@ \Grot@x\width\else
2304 \if t\@tempa \Grot@y\height\else
2305 \if tempa@ \Grot@y\height\else
2306 \if b\@tempa \Grot@y-\depth\else
2307 \if tempa@ \Grot@y-\depth\else
2308 \if B\@tempa \Grot@y\z@\else
2309 \if tempa@ \Grot@y\z@\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi}}
2310 {draft}{ }{Gin} @ \
2311 {origin}{ }{Gin} @ \
2312 {origin}{ }{Grot} @ \
2313 {clip}{ }{Gin} @ \
2314 {keepaspectratio}{ }{Gin} @ \
2315 {natwidth}{ }{Gin} @ \
2316 {natheight}{ }{Gin} @ \
2317 {bb}{ }{Gin} @ \
2318 {viewport}{ }{Gin} @ \
2319 {trim}{ }{Gin} @ \
2320 {angle}{ }{Gin} @ \
2321 {width}{ }{Gin} @ \
2322 {height}{ }{Gin} @ \
2323 {totalheight}{ }{Gin} @ \
2324 {scale}{ }{Gin} @ \
2325 {type}{ }{Gin} @ \
2326 {ext}{ }{Gin} @ \
2327 {read}{ }{Gin} @ \
2328 {command}{ }{Gin} @ \
2329 {x}{ }{Grot} @ \
2330 {y}{ }{Grot} @ \
2331 {units}{ }{Grot} @ \
2332 }{ }

```

## 45 File parsidigits.map

```

2333 LHSName "Digits"
2334 RHSName "ParsiDigits"
2335
2336 pass(Unicode)
2337 U+0030 <> U+06F0 ;
2338 U+0031 <> U+06F1 ;
2339 U+0032 <> U+06F2 ;
2340 U+0033 <> U+06F3 ;
2341 U+0034 <> U+06F4 ;

```



```

2342 U+0035 <> U+06F5 ;
2343 U+0036 <> U+06F6 ;
2344 U+0037 <> U+06F7 ;
2345 U+0038 <> U+06F8 ;
2346 U+0039 <> U+06F9 ;
2347
2348
2349 U+002C <> U+060C ; comma > arabic comma
2350 U+003F <> U+061F ; question mark -> arabic qm
2351 U+003B <> U+061B ; semicolon -> arabic semicolon
2352
2353 ; ligatures from Knuth's original CMR fonts
2354 U+002D U+002D <> U+2013 ; -- -> en dash
2355 U+002D U+002D U+002D <> U+2014 ; --- -> em dash
2356
2357 U+0027 <> U+2019 ; ' -> right single quote
2358 U+0027 U+0027 <> U+201D ; '' -> right double quote
2359 U+0022 > U+201D ; " -> right double quote
2360
2361 U+0060 <> U+2018 ; ` -> left single quote
2362 U+0060 U+0060 <> U+201C ; `` -> left double quote
2363
2364 U+0021 U+0060 <> U+00A1 ; !` -> inverted exclam
2365 U+003F U+0060 <> U+00BF ; ?` -> inverted question
2366
2367 ; additions supported in T1 encoding
2368 U+002C U+002C <> U+201E ; ,, -> DOUBLE LOW-9 QUOTATION MARK
2369 U+003C U+003C <> U+00AB ; << -> LEFT POINTING GUILLEMET
2370 U+003E U+003E <> U+00BB ; >> -> RIGHT POINTING GUILLEMET

```

## 46 File rapport1-xepersian.def

```

2371 \ProvidesFile{rapport1-xepersian.def}[2010/07/25 v0.1 adaptations for rapport1 class]
2372 \renewcommand*\thepart{\@tartibi\c@part}
2373 \renewcommand*\appendix{\par
2374   \setcounter{chapter}{0}%
2375   \setcounter{section}{0}%
2376   \gdef\@chapapp{\appendixname}%
2377   \gdef\thechapter{\@harfi\c@chapter}}

```

## 47 File rapport3-xepersian.def

```

2378 \ProvidesFile{rapport3-xepersian.def}[2010/07/25 v0.2 adaptations for rapport3 class]
2379 \renewcommand*\thepart{\@tartibi\c@part}
2380 \renewcommand*\appendix{\par
2381   \setcounter{chapter}{0}%
2382   \setcounter{section}{0}%
2383   \gdef\@chapapp{\appendixname}%
2384   \gdef\thechapter{\@harfi\c@chapter}}

```



## 48 File refrep-xepersian.def

```
2385 \ProvidesFile{refrep-xepersian.def}[2010/07/25 v0.2 adaptations for refrep class]
2386 \renewcommand \thepart {\@tartibi\c@part}
2387 \renewcommand\appendix{\par
2388   \setcounter{chapter}{0}%
2389   \setcounter{section}{0}%
2390   \gdef\@chapapp{\appendixname}%
2391   \gdef\thechapter{\@harfi\c@chapter}
2392 }%end appendix
```

## 49 File report-xepersian.def

```
2393 \ProvidesFile{report-xepersian.def}[2010/07/25 v0.2 adaptations for standard report class]
2394 \renewcommand \thepart {\@tartibi\c@part}
2395 \renewcommand\appendix{\par
2396   \setcounter{chapter}{0}%
2397   \setcounter{section}{0}%
2398   \gdef\@chapapp{\appendixname}%
2399   \gdef\thechapter{\@harfi\c@chapter}
2400 }%end appendix
```

## 50 File scrartcl-xepersian.def

```
2401 \ProvidesFile{scrartcl-xepersian.def}[2010/07/25 v0.2 adaptations for scrartcl class]
2402 \renewcommand*{\thepart}{\@tartibi\c@part}
2403 \renewcommand*\appendix{\par%
2404   \setcounter{section}{0}%
2405   \setcounter{subsection}{0}%
2406   \gdef\thesection{\@harfi\c@section}%
2407   \csname appendixmore\endcsname
2408 }
2409 \renewcommand*{\@maybeautodot}[1]{%
2410   \ifx #1\@stop\let\@maybeautodot\relax
2411   \else
2412     \ifx #1\harfi \@autodottrue\fi
2413     \ifx #1\adadi \@autodottrue\fi
2414     \ifx #1\tartibi \@autodottrue\fi
2415     \ifx #1\Alph \@autodottrue\fi
2416     \ifx #1\alph \@autodottrue\fi
2417     \ifx #1\Roman \@autodottrue\fi
2418     \ifx #1\roman \@autodottrue\fi
2419     \ifx #1\@harfi \@autodottrue\fi
2420     \ifx #1\@adadi \@autodottrue\fi
2421     \ifx #1\@tartibi \@autodottrue\fi
2422     \ifx #1\@Alph \@autodottrue\fi
2423     \ifx #1\@alph \@autodottrue\fi
2424     \ifx #1\@Roman \@autodottrue\fi
2425     \ifx #1\@roman \@autodottrue\fi
2426     \ifx #1\romannumeral \@autodottrue\fi
```



```

2427 \fi
2428 \@maybeautodot
2429 }

```

## 51 File scrbook-xepersian.def

```

2430 \ProvidesFile{scrbook-xepersian.def}[2010/07/25 v0.2 adaptations for scrbook class]
2431 \renewcommand*\frontmatter{%
2432   \if@twoside\cleardoubleoddpagel\else\clearpage\fi
2433   \@mainmatterfalse\pagenumbering{harfi}%
2434 }
2435 \renewcommand*\thepart{\@tartibi\c@part}
2436 \renewcommand*\appendix{\par%
2437   \setcounter{chapter}{0}%
2438   \setcounter{section}{0}%
2439   \gdef\@chapapp{\appendixname}%
2440   \gdef\thechapter{\@harfi\c@chapter}%
2441   \csname appendixmore\endcsname
2442 }
2443 \renewcommand*\@maybeautodot}[1]{%
2444   \ifx #1\@stop\let\@maybeautodot\relax
2445   \else
2446     \ifx #1\harfi \@autodottrue\fi
2447     \ifx #1\adadi \@autodottrue\fi
2448     \ifx #1\tartibi \@autodottrue\fi
2449     \ifx #1\Alph \@autodottrue\fi
2450     \ifx #1\alph \@autodottrue\fi
2451     \ifx #1\Roman \@autodottrue\fi
2452     \ifx #1\roman \@autodottrue\fi
2453     \ifx #1\@harfi \@autodottrue\fi
2454     \ifx #1\@adadi \@autodottrue\fi
2455     \ifx #1\@tartibi \@autodottrue\fi
2456     \ifx #1\@Alph \@autodottrue\fi
2457     \ifx #1\@alph \@autodottrue\fi
2458     \ifx #1\@Roman \@autodottrue\fi
2459     \ifx #1\@roman \@autodottrue\fi
2460     \ifx #1\romannumeral \@autodottrue\fi
2461   \fi
2462   \@maybeautodot
2463 }

```

## 52 File screprt-xepersian.def

```

2464 \ProvidesFile{screprt-xepersian.def}[2010/07/25 v0.2 adaptations for screprt class]
2465 \renewcommand*\thepart{\@tartibi\c@part}
2466 \renewcommand*\appendix{\par%
2467   \setcounter{chapter}{0}%
2468   \setcounter{section}{0}%
2469   \gdef\@chapapp{\appendixname}%
2470   \gdef\thechapter{\@harfi\c@chapter}%

```



```

2471 \csname appendixmore\endcsname
2472 }
2473 \renewcommand*{\@@maybeautodot}[1]{%
2474 \ifx #1\@stop\let\@@maybeautodot\relax
2475 \else
2476 \ifx #1\harfi \@@autodottrue\fi
2477 \ifx #1\adadi \@@autodottrue\fi
2478 \ifx #1\tartibi \@@autodottrue\fi
2479 \ifx #1\Alph \@@autodottrue\fi
2480 \ifx #1\alph \@@autodottrue\fi
2481 \ifx #1\Roman \@@autodottrue\fi
2482 \ifx #1\roman \@@autodottrue\fi
2483 \ifx #1\@harfi \@@autodottrue\fi
2484 \ifx #1\@adadi \@@autodottrue\fi
2485 \ifx #1\@tartibi \@@autodottrue\fi
2486 \ifx #1\@Alph \@@autodottrue\fi
2487 \ifx #1\@alph \@@autodottrue\fi
2488 \ifx #1\@Roman \@@autodottrue\fi
2489 \ifx #1\@roman \@@autodottrue\fi
2490 \ifx #1\romannumeral \@@autodottrue\fi
2491 \fi
2492 \@@maybeautodot
2493 }

```

### 53 File soul-xepersian.def

```

2494 \ProvidesFile{soul-xepersian.def}[2015/10/16 v0.1 adaptations for soul package]
2495 \let\SOUL@tt\relax
2496 \newfontface{\SOUL@tt}{Times New Roman}

```

### 54 File tkz-linknodes-xepersian.def

```

2497 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes packa
2498 \renewcommand*{\@SetTab}{%
2499 \let\@alph\@latinalph%
2500 \ifnum \value{C@NumTab}>25\relax%
2501 \setcounter{C@NumTab}{1}%
2502 \else%
2503 \stepcounter{C@NumTab}%
2504 \fi%
2505 \setcounter{C@NumGroup}{0}%
2506 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2507 \setboolean{B@FirstLink}{true}
2508 \setboolean{B@NewGroup}{false}
2509 \setcounter{C@NumGroup}{0}
2510 \setcounter{C@CurrentGroup}{0}
2511 \setcounter{NumC@Node}{0}
2512 \setcounter{NumC@Stop}{0}
2513 \setcounter{C@NextNode}{0}
2514 \setcounter{C@CurrentStop}{0}

```





```

2515 \setcounter{C@CurrentNode}{0}
2516 }%

```

## 55 File tocloft-xepersian.def

```

2517 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2518 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2519 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2520 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}
2521 \renewcommand*{\cftsubsubsecname}{\if@RTL else\ subsubsection\fi}
2522 \renewcommand*{\cftparaname}{\if@RTL else\ paragraph\fi}
2523 \renewcommand*{\cftsubparaname}{\if@RTL else\ subparagraph\fi}
2524 \renewcommand*{\cftfigname}{\if@RTL else\ figure\fi}
2525 \renewcommand*{\cftsubfigname}{\if@RTL else\ subfigure\fi}
2526 \renewcommand*{\cfttabname}{\if@RTL else\ table\fi}
2527 \renewcommand*{\cftsubtabname}{\if@RTL else\ subtable\fi}

```

## 56 File xepersian.sty

```

2528 \NeedsTeXFormat{LaTeX2e}
2529 \def\xepersian@version{21.2}
2530 \def\xepersiandate{2018/06/15}
2531 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2532 Persian typesetting in XeLaTeX]
2533 \RequirePackage{fontspec}
2534 \RequirePackage{xepersian-persiancal}
2535 \RequirePackage{xepersian-mathsdigitspec}
2536 \RequirePackage{bidi}
2537 \edef\@xepersian@info{*****~J%
2538 * ~J%
2539 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2540 * ~J%
2541 * Description: The package supports Persian~J%
2542 * typesetting, using fonts provided in the~J%
2543 * distribution.~J%
2544 * ~J%
2545 * Copyright (c) 2008--2018 Vafa Khalighi~J%
2546 * ~J%
2547 * v\xepersian@version, \xepersiandate~J%
2548 * ~J%
2549 * License: LaTeX Project Public License, version~J%
2550 * 1.3c or higher (your choice)~J%
2551 * ~J%
2552 * Location on CTAN: /macros/xetex/latex/xepersian~J%
2553 * ~J%
2554 * Issue tracker: https://gitlab.com/persian-tex/xepersian/issues~J%
2555 * ~J%
2556 * Support: persian-tex@tug.org~J%
2557 * ~J%
2558 *****}

```



```

2559 \typeout{\@xepersian@info}
2560 \edef\xepersian@everyjob{\the\everyjob}
2561 \everyjob{\xepersian@everyjob\typeout{\@xepersian@info}}
2562 \newcommand*\xepersian@version{
2563   {\ensuremath\xepersian@version}
2564 \newcommand*\IfxepersianPackageVersionLater}[1]{%
2565   \ifdim\xepersian@version pt > #1 pt %
2566     \expandafter\@firstoftwo
2567   \else
2568     \expandafter\@secondoftwo
2569   \fi}
2570 \newcommand*\IfxepersianPackageVersionBefore}[1]{%
2571   \ifdim\xepersian@version pt < #1 pt %
2572     \expandafter\@firstoftwo
2573   \else
2574     \expandafter\@secondoftwo
2575   \fi}
2576 \newcommand*\IfxepersianPackageVersion}[1]{%
2577   \ifdim\xepersian@version pt = #1 pt %
2578     \expandafter\@firstoftwo
2579   \else
2580     \expandafter\@secondoftwo
2581   \fi}
2582 \def\prq{«}
2583 \def\plq{»}
2584 \def\xepersian@cmds@temp#1{%
2585   \begingroup\expandafter\expandafter\expandafter\endgroup
2586   \expandafter\ifx\csname xepersian@#1\endcsname\relax
2587     \begingroup
2588       \escapechar=-1 %
2589       \edef\x{\expandafter\meaning\csname#1\endcsname}%
2590       \def\y{#1}%
2591       \def\z##1->{%}
2592       \edef\y{\expandafter\z\meaning\y}%
2593       \expandafter\endgroup
2594       \ifx\x\y
2595         \expandafter\def\csname xepersian@#1\endcsname
2596           \expandafter{%
2597             \csname#1\endcsname
2598           }%
2599       \fi
2600     \fi
2601   }%
2602 \xepersian@cmds@temp{shellescape}
2603 \newif\ifwritexviii
2604 \ifnum\xepersian@shellescape=1\relax
2605   \writexviii true
2606 \else
2607   \writexviii false
2608 \fi

```



```

2609 \newfontscript{Parsi}{arab}
2610 \newfontlanguage{Parsi}{FAR}
2611 \ExplSyntaxOn
2612
2613 \DeclareDocumentCommand \settextfont { 0{ } m 0{ } }
2614 {
2615   \__xepersian_main_settextfont:nn {#1,#3} {#2}
2616 }
2617 \cs_new:Nn \__xepersian_main_settextfont:nn
2618 {
2619   \fontspec_set_family:Nnn \g__xepersian_persianfont_family {Script=Parsi,Language=Parsi,Mapping=
2620   \tl_set_eq:NN \rmdefault \g__xepersian_persianfont_family
2621   \use:x { \exp_not:n { \DeclareRobustCommand \persianfont }
2622   {
2623     \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2624     \exp_not:N \fontfamily { \g__xepersian_persianfont_family }
2625     \exp_not:N \selectfont
2626   }
2627 }
2628 \str_if_eq:x:nnT {\familydefault} {\rmdefault}
2629 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2630 \__xepersian_settextfont_hook:nn {#1} {#2}
2631 \normalfont
2632 \ignorespaces
2633 }
2634
2635 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2636
2637 \DeclareDocumentCommand \settextdigitfont { 0{ } m 0{ } }
2638 {
2639   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2640 }
2641 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2642 {
2643   \fontspec_set_family:Nnn \g__xepersian_textdigitfont_family {Script=Parsi,Language=Parsi,Mapping=
2644   \use:x
2645   {
2646     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2647     {
2648       \exp_not:N \fontfamily { \g__xepersian_textdigitfont_family }
2649       \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2650       \exp_not:N \selectfont
2651     }
2652   }
2653   \__xepersian_settextdigitfont_hook:nn {#1} {#2}
2654   \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@
2655   \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@
2656   \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2657   \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2658   \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@swi

```



```

2659 \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInterC
2660 \if@bidi@csundef{xepersian@D}}{\}%
2661 \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@textd
2662 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textd
2663 \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@textd
2664 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textd
2665 \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textd
2666 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textd
2667 \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@textd
2668 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textd
2669 \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@textd
2670 \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textd
2671 }
2672 \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlat
2673 \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlati
2674 }
2675
2676 \cs_set_eq:NN \__xepersian_settextdigitfont_hook:nn \use_none:nn
2677
2678 \DeclareDocumentCommand \setdigitfont { 0{ } m 0{ } }
2679 {
2680   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2681   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2682 }
2683
2684
2685 \DeclareDocumentCommand \setlatintextfont { 0{ } m 0{ } }
2686 {
2687   \__xepersian_main_setlatintextfont:nn {#1,#3} {#2}
2688 }
2689 \cs_new:Nn \__xepersian_main_setlatintextfont:nn
2690 {
2691   \fontspec_set_family:Nnn \g__xepersian_latinfont_family {Mapping=tex-text,#1} {#2}
2692   \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
2693   {
2694     \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2695     \exp_not:N \fontfamily { \g__xepersian_latinfont_family }
2696     \exp_not:N \selectfont
2697   }
2698 }
2699 \str_if_eq_x:nnT {\familydefault} {\rmdefault}
2700 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2701 \__xepersian_setlatintextfont_hook:nn {#1} {#2}
2702 \normalfont
2703 \ignorespaces
2704 }
2705
2706 \cs_set_eq:NN \__xepersian_setlatintextfont_hook:nn \use_none:nn
2707
2708 \tl_set_eq:NN \setlatinsansfont \setsansfont

```



```

2709 \tl_set_eq:NN \setlatinmonofont \setmonofont
2710
2711 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
2712 {
2713   \__xepersian_main_defpersianfont:nnn {#1} {#2,#4} {#3}
2714 }
2715 \cs_new:Nn \__xepersian_main_defpersianfont:nnn
2716 {
2717   \fontspec_set_family:cnn { g__xepersian_ \cs_to_str:N #1 _family } {Script=Parsi,Language=Pa
2718   \use:x
2719   {
2720     \exp_not:N \DeclareRobustCommand \exp_not:N #1
2721     {
2722       \exp_not:N \fontfamily { \use:c {g__xepersian_ \cs_to_str:N #1 _family} }
2723       \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2724       \exp_not:N \selectfont
2725     }
2726   }
2727 }
2728
2729 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
2730 {
2731   \__xepersian_main_deflatinfont:nnn {#1} {#2,#4} {#3}
2732 }
2733 \cs_new:Nn \__xepersian_main_deflatinfont:nnn
2734 {
2735   \fontspec_set_family:cnn { g__xepersian_ \cs_to_str:N #1 _family } {Mapping=tex-text,#2} {#3}
2736   \use:x
2737   {
2738     \exp_not:N \DeclareRobustCommand \exp_not:N #1
2739     {
2740       \exp_not:N \fontfamily { \use:c {g__xepersian_ \cs_to_str:N #1 _family} }
2741       \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2742       \exp_not:N \selectfont
2743     }
2744   }
2745 }
2746
2747 \newcommand\persiansfdefault{}
2748 \newcommand\persianttdefault{}
2749 \newcommand\iranicsfdefault{}
2750 \newcommand\navarsfdefault{}
2751 \newcommand\pooksfdefault{}
2752 \newcommand\sayehsfdefault{}
2753 \DeclareRobustCommand\persiansffamily
2754   {\not@math@alphabet\persiansffamily\mathpersiansf
2755   \fontfamily\persiansfdefault\selectfont}
2756 \DeclareRobustCommand\persianttfamily
2757   {\not@math@alphabet\persianttfamily\mathpersiantt
2758   \fontfamily\persianttdefault\selectfont}

```



```

2759 \DeclareRobustCommand\iranicfamily
2760     {\not@math@alphabet\iranicfamily\mathiran
2761      \fontfamily\iranicdefault\selectfont}
2762 \DeclareRobustCommand\navarfamily
2763     {\not@math@alphabet\navarfamily\mathnavar
2764      \fontfamily\navardefault\selectfont}
2765 \DeclareRobustCommand\pookfamily
2766     {\not@math@alphabet\pookfamily\mathpook
2767      \fontfamily\pookdefault\selectfont}
2768 \DeclareRobustCommand\sayehfamily
2769     {\not@math@alphabet\sayehfamily\mathsayeh
2770      \fontfamily\sayehdefault\selectfont}
2771 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
2772 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
2773 \DeclareTextFontCommand{\textiranic}{\iranicfamily}
2774 \DeclareTextFontCommand{\textnavar}{\navarfamily}
2775 \DeclareTextFontCommand{\textpook}{\pookfamily}
2776 \DeclareTextFontCommand{\textsayeh}{\sayehfamily}
2777
2778 \DeclareDocumentCommand \setpersiansansfont { 0{} m 0{} }
2779 {
2780     \__xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
2781 }
2782 \cs_new:Nn \__xepersian_main_setpersiansansfont:nn
2783 {
2784     \fontspec_set_family:Nnn \g__xepersian_persiansffamily_family {Script=Parsi,Language=Parsi,M
2785     \tl_set_eq:NN \persiansfdefault \g__xepersian_persiansffamily_family
2786     \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
2787     {
2788         \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2789         \exp_not:N \fontfamily { \g__xepersian_persiansffamily_family }
2790         \exp_not:N \selectfont
2791     }
2792 }
2793 \str_if_eq:x:nnT {\familydefault} {\persiansfdefault}
2794 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2795 \__xepersian_setpersiansansfont_hook:nn {#1} {#2}
2796 \normalfont
2797 \ignorespaces
2798 }
2799
2800 \cs_set_eq:NN \__xepersian_setpersiansansfont_hook:nn \use_none:nn
2801
2802 \DeclareDocumentCommand \setpersianmonofont { 0{} m 0{} }
2803 {
2804     \__xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
2805 }
2806 \cs_new:Nn \__xepersian_main_setpersianmonofont:nn
2807 {
2808     \fontspec_set_family:Nnn \g__xepersian_persianttfamily_family {Script=Parsi,Language=Parsi,M

```



```

2809 \tl_set_eq:NN \persianttdefault \g__xepersian_persianttfamily_family
2810 \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
2811 {
2812   \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2813   \exp_not:N \fontfamily { \g__xepersian_persianttfamily_family }
2814   \exp_not:N \selectfont
2815 }
2816 }
2817 \str_if_eq:x:nnT {\familydefault} {\persianttdefault}
2818 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2819 \__xepersian_setpersianmonofont_hook:nn {#1} {#2}
2820 \normalfont
2821 \ignorespaces
2822 }
2823
2824 \cs_set_eq:NN \__xepersian_setpersianmonofont_hook:nn \use_none:nn
2825
2826 \DeclareDocumentCommand \setnavarfont { 0{} m 0{} }
2827 {
2828   \__xepersian_main_setnavarfont:nn {#1,#3} {#2}
2829 }
2830 \cs_new:Nn \__xepersian_main_setnavarfont:nn
2831 {
2832   \fontspec_set_family:Nnn \g__xepersian_navarfamilly_family {Script=Parsi,Language=Parsi,Mapping=
2833   \tl_set_eq:NN \navardefault \g__xepersian_navarfamilly_family
2834   \use:x { \exp_not:n { \DeclareRobustCommand \navarfamilly }
2835   {
2836     \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2837     \exp_not:N \fontfamily { \g__xepersian_navarfamilly_family }
2838     \exp_not:N \selectfont
2839   }
2840 }
2841 \str_if_eq:x:nnT {\familydefault} {\navardefault}
2842 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2843 \__xepersian_setnavarfont_hook:nn {#1} {#2}
2844 \normalfont
2845 \ignorespaces
2846 }
2847
2848 \cs_set_eq:NN \__xepersian_setnavarfont_hook:nn \use_none:nn
2849
2850 \DeclareDocumentCommand \setpookfont { 0{} m 0{} }
2851 {
2852   \__xepersian_main_setpookfont:nn {#1,#3} {#2}
2853 }
2854 \cs_new:Nn \__xepersian_main_setpookfont:nn
2855 {
2856   \fontspec_set_family:Nnn \g__xepersian_pookfamily_family {Script=Parsi,Language=Parsi,Mapping=
2857   \tl_set_eq:NN \pookdefault \g__xepersian_pookfamily_family
2858   \use:x { \exp_not:n { \DeclareRobustCommand \pookfamily }

```



```

2859 {
2860   \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2861   \exp_not:N \fontfamily { \g__xepersian_pookfamily_family }
2862   \exp_not:N \selectfont
2863 }
2864 }
2865 \str_if_eq_x:nnT {\familydefault} {\pookdefault}
2866 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2867 \__xepersian_setpookfont_hook:nn {#1} {#2}
2868 \normalfont
2869 \ignorespaces
2870 }
2871
2872 \cs_set_eq:NN \__xepersian_setpookfont_hook:nn \use_none:nn
2873
2874 \DeclareDocumentCommand \setsayehfont { 0{} m 0{} }
2875 {
2876   \__xepersian_main_setsayehfont:nn {#1,#3} {#2}
2877 }
2878 \cs_new:Nn \__xepersian_main_setsayehfont:nn
2879 {
2880   \fontspec_set_family:Nnn \g__xepersian_sayehfamily_family {Script=Parsi,Language=Parsi,Mapping=Persian}
2881   \tl_set_eq:NN \sayehdefault \g__xepersian_sayehfamily_family
2882   \use:x { \exp_not:n { \DeclareRobustCommand \sayehfamily }
2883     {
2884       \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }
2885       \exp_not:N \fontfamily { \g__xepersian_sayehfamily_family }
2886       \exp_not:N \selectfont
2887     }
2888   }
2889   \str_if_eq_x:nnT {\familydefault} {\sayehdefault}
2890   { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2891   \__xepersian_setsayehfont_hook:nn {#1} {#2}
2892   \normalfont
2893   \ignorespaces
2894 }
2895
2896 \cs_set_eq:NN \__xepersian_setsayehfont_hook:nn \use_none:nn
2897
2898 \DeclareDocumentCommand \setiraniconfont { 0{} m 0{} }
2899 {
2900   \__xepersian_main_setiraniconfont:nn {#1,#3} {#2}
2901 }
2902 \cs_new:Nn \__xepersian_main_setiraniconfont:nn
2903 {
2904   \fontspec_set_family:Nnn \g__xepersian_iranicfamily_family {Script=Parsi,Language=Parsi,Mapping=Persian}
2905   \tl_set_eq:NN \iranicondefault \g__xepersian_iranicfamily_family
2906   \use:x { \exp_not:n { \DeclareRobustCommand \iraniconfamily }
2907     {
2908       \exp_not:N \fontencoding { \l__fontspec_nfss_enc_tl }

```





```

2909 \exp_not:N \fontfamily { \g__xepersian_iranicfamily_family }
2910 \exp_not:N \selectfont
2911 }
2912 }
2913 \str_if_eq_x:nnT {\familydefault} {\iranicondefault}
2914 { \tl_set_eq:NN \encodingdefault \l__fontspec_nfss_enc_tl }
2915 \__xepersian_setiraniconfont_hook:nn {#1} {#2}
2916 \normalfont
2917 \ignorespaces
2918 }
2919
2920 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:nn \use_none:nn
2921
2922 \ExplSyntaxOff
2923 \def\resetlatinfont{%
2924 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
2925 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
2926 \def\xepersian@@fontsize@scale{%
2927 \strip@pt\dimexpr 1pt * \dimexpr
2928 \xepersian@@latin@fontsize@scale pt\relax
2929 / \dimexpr \@xepersian@@fontsize@scale pt\relax\relax
2930 }%
2931 \def\xepersian@@baselineskip@scale{%
2932 \strip@pt\dimexpr 1pt * \dimexpr
2933 \xepersian@@latin@baselineskip@scale pt\relax
2934 / \dimexpr \@xepersian@@baselineskip@scale pt\relax\relax
2935 }%
2936 \@nonlatinfalse%
2937 \let\normalfont\latinfont%
2938 \let\reset@font\normalfont%
2939 \latinfont%
2940 \fontsize\font@size\font@baselineskip%
2941 \selectfont%
2942 \let\xepersian@@fontsize@scale\xepersian@@latin@fontsize@scale%
2943 \let\xepersian@@baselineskip@scale\xepersian@@latin@baselineskip@scale%
2944 }
2945 \def\setpersianfont{%
2946 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
2947 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
2948 \let\xepersian@@fontsize@scale\@one%
2949 \let\xepersian@@baselineskip@scale\@one%
2950 \@nonlatintrue%
2951 \let\normalfont\persianfont%
2952 \let\reset@font\normalfont%
2953 \persianfont%
2954 \fontsize\font@size\font@baselineskip%
2955 \selectfont%
2956 \let\xepersian@@fontsize@scale\@xepersian@@fontsize@scale%
2957 \let\xepersian@@baselineskip@scale\@xepersian@@baselineskip@scale%
2958 }

```



```

2959 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
2960 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
2961 \def\latin{\LTR\LatinAlphs\@RTL@footnotefalse\resetlatinfont}
2962 \def\endlatin{\endLTR}
2963 \def\persian{\RTL\PersianAlphs\@RTL@footnotetrue\setpersianfont}
2964 \def\endpersian{\endRTL}
2965 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end{LATINITEMS}}
2966 \newenvironment{persiitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end{PERSIITEMS}}
2967 \let\originaltoday=\today
2968 \def\latintoday{\lr{\originaltoday}}
2969 \def\today{\rl{\persiantoday}}
2970 \def \@LTRmarginparreset {%
2971     \reset@font
2972     \resetlatinfont
2973     \normalsize
2974     \@minipagetrue
2975     \everypar{\@minipagefalse\everypar{}\beginL}%
2976 }
2977 \DeclareRobustCommand\Latincite{%
2978     \@ifnextchar [{\@tempwatrue\@Latincitex}{\@tempwafalse\@Latincitex[]}]
2979 \def\@Latincitex[#1]#2{\leavevmode
2980     \let\@citea\@empty
2981     \@cite{\lr{\@for\@citeb:=#2\do
2982         {\@citea\def\@citea{\penalty\@m\ }%
2983         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
2984         \if@filesw\immediate\write\@auxout{\string\citation{\@citeb}}\fi
2985         \@ifundefined{b@\@citeb}{\hbox{\reset@font\bfseries ?}}%
2986         \G@refundefinedtrue
2987         \@latex@warning
2988         {Citation `'\@citeb' on page \thepage \space undefined}}%
2989         {\@cite@ofmt{\csname b@\@citeb\endcsname}}}\}\{#1}}
2990
2991 \renewcommand*{\bidi@font@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
2992
2993 \newif\if@xepersian@computeautoilg
2994 \newcount\xepersian@tcl
2995 \newdimen\xepersian@ilg
2996 \newdimen\xepersian@strutilg
2997 \chardef\f@ur=4
2998 \newcommand*{\xepersian@computeautoilg}{% compute the interline glue
2999     \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3000     \loop
3001     \iffontchar\font\xepersian@tcl
3002     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\z@
3003     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3004         \xepersian@ilg=\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl
3005     \fi
3006     \else
3007     \ifdim\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl<\z@
3008     \ifdim-\XeTeXglyphbounds\tw@ \the\XeTeXcharglyph\xepersian@tcl>\xepersian@ilg

```



```

3009 \xepersian@ilg=-\XeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl
3010 \fi
3011 \fi
3012 \fi
3013 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\z@
3014 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3015 \xepersian@strutilg=\XeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl
3016 \fi
3017 \else
3018 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl<\z@
3019 \ifdim-\XeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3020 \xepersian@strutilg=-\XeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl
3021 \fi
3022 \fi
3023 \fi
3024 \fi
3025 \advance\xepersian@tcl\@ne
3026 \ifnum\xepersian@tcl<1792\repeat
3027 \advance\xepersian@strutilg\xepersian@ilg
3028 % \ifdim\xepersian@strutilg>\baselineskip
3029 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3030 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3031 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3032 % \selectfont
3033 % \fi
3034 }
3035
3036 \newif\if@@textdigitfont@on
3037
3038 \newcommand{\TextDigitFontOn}{\@@textdigitfont@ontrue}
3039 \newcommand{\TextDigitFontOff}{\@@textdigitfont@onfalse}
3040
3041 \TextDigitFontOn
3042
3043 \newcommand*\xepersian@setlength[4]{%
3044 \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3045 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3046 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3047 \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3048 \else
3049 \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3050 \fi
3051 \else
3052 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3053 \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3054 \else
3055 \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3056 \fi
3057 \fi
3058 \else

```



```

3059 \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3060 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3061 \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3062 \else
3063 \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3064 \fi
3065 \else
3066 \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3067 \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3068 \else
3069 \setlength{#1}{#2 \@plus#3 \@minus#4}%
3070 \fi
3071 \fi
3072 \fi
3073 }
3074
3075 \newcommand*{\setfontsize}[2][1.2\@tempdima]{%
3076 \@defaultunits\@tempdima#2pt\relax\@nnil
3077 \setlength{\@tempdimc}{\@tempdima}%
3078 \addtolength{\@tempdimc}{-10\p@}%
3079 \edef\@ptsize{\strip@pt\@tempdimc}%
3080 \@defaultunits\@tempdimb#1pt\relax\@nnil
3081 \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3082 \edef\@tempb{\the\@tempdimc}%
3083 \setlength{\@tempdimc}{\@tempdima}%
3084 \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3085 \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3086 \xepersian@setlength{\abovedisplayskip}{%
3087 {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}}%
3088 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3089 \xepersian@setlength{\belowdisplayshortskip}{%
3090 {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}}%
3091 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3092 \edef\normalsize{%
3093 \noexpand\@setfontsize\noexpand\normalsize
3094 {\the\@tempdima}{\the\@tempdimb}%
3095 \abovedisplayskip \the\abovedisplayskip
3096 \abovedisplayshortskip \the\abovedisplayshortskip
3097 \belowdisplayskip \the\belowdisplayskip
3098 \belowdisplayshortskip \the\belowdisplayshortskip
3099 \let\noexpand\@listi\noexpand\@listI
3100 }%
3101 \setlength{\@tempdima}{0.9125\@tempdimc}%
3102 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3103 \xepersian@setlength{\abovedisplayskip}{%
3104 {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}}%
3105 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3106 \xepersian@setlength{\belowdisplayshortskip}{%
3107 {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}}%
3108 \setlength{\belowdisplayskip}{\abovedisplayskip}%

```



```

3109 \edef\small{%
3110   \noexpand\setfontsize\noexpand\small
3111   {\the\@tempdima}{\the\@tempdimb}%
3112   \abovedisplayskip \the\abovedisplayskip
3113   \abovedisplayshortskip \the\abovedisplayshortskip
3114   \belowdisplayskip \the\belowdisplayskip
3115   \belowdisplayshortskip \the\belowdisplayshortskip
3116   \let\noexpand\@listi\noexpand\@listi@small
3117 }%
3118 \setlength{\@tempdima}{.83334\@tempdimc}%
3119 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3120 \xepersian@setlength{\abovedisplayskip}%
3121   {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3122 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3123 \xepersian@setlength{\belowdisplayshortskip}%
3124   {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3125 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3126 \edef\footnotesize{%
3127   \noexpand\setfontsize\noexpand\footnotesize
3128   {\the\@tempdima}{\the\@tempdimb}%
3129   \abovedisplayskip \the\abovedisplayskip
3130   \abovedisplayshortskip \the\abovedisplayshortskip
3131   \belowdisplayskip \the\belowdisplayskip
3132   \belowdisplayshortskip \the\belowdisplayshortskip
3133   \let\noexpand\@listi\noexpand\@listi@footnotesize
3134 }%
3135 \setlength{\@tempdima}{.66667\@tempdimc}%
3136 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3137 \edef\scriptsize{%
3138   \noexpand\setfontsize\noexpand\scriptsize
3139   {\the\@tempdima}{\the\@tempdimb}%
3140 }%
3141 \setlength{\@tempdima}{.5\@tempdimc}%
3142 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3143 \edef\tiny{%
3144   \noexpand\setfontsize\noexpand\tiny
3145   {\the\@tempdima}{\the\@tempdimb}%
3146 }%
3147 \setlength{\@tempdima}{1.2\@tempdimc}%
3148 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3149 \edef\large{%
3150   \noexpand\setfontsize\noexpand\large
3151   {\the\@tempdima}{\the\@tempdimb}%
3152 }%
3153 \setlength{\@tempdima}{1.44\@tempdimc}%
3154 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3155 \edef\Large{%
3156   \noexpand\setfontsize\noexpand\Large
3157   {\the\@tempdima}{\the\@tempdimb}%
3158 }%

```



```

3159 \setlength{\@tempdima}{1.728\@tempdimc}%
3160 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3161 \edef\LARGE{%
3162   \noexpand\@setfontsize\noexpand\LARGE
3163   {\the\@tempdima}{\the\@tempdimb}%
3164 }%
3165 \setlength{\@tempdima}{2.074\@tempdimc}%
3166 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3167 \edef\huge{%
3168   \noexpand\@setfontsize\noexpand\huge
3169   {\the\@tempdima}{\the\@tempdimb}%
3170 }%
3171 \setlength{\@tempdima}{2.488\@tempdimc}%
3172 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3173 \edef\Huge{%
3174   \noexpand\@setfontsize\noexpand\Huge
3175   {\the\@tempdima}{\the\@tempdimb}%
3176 }%
3177 \normalsize
3178 \setlength{\@tempdimb}{\f@baselineskip}%
3179 \xepersian@setlength{\parsep}%
3180   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3181 \xepersian@setlength{\topsep}%
3182   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3183 \@tempswafalse
3184 \begingroup
3185   \def\@list@extra{\aftergroup\@tempwattrue}%
3186   \csname @listi\endcsname
3187 \endgroup
3188 \edef\@listi{\leftmargin\leftmarginI
3189   \topsep \the\topsep
3190   \parsep \the\parsep
3191   \itemsep \parsep
3192   \if@tempswa\noexpand\@list@extra\fi
3193 }%
3194 \let\@listI\@listi
3195 \xepersian@setlength{\parsep}%
3196   {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3197 \xepersian@setlength{\topsep}%
3198   {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3199 \@tempswafalse
3200 \begingroup
3201   \def\@list@extra{\aftergroup\@tempwattrue}%
3202   \csname @listi\endcsname
3203 \endgroup
3204 \edef\@listi@small{\leftmargin\leftmarginI
3205   \topsep \the\topsep
3206   \parsep \the\parsep
3207   \itemsep \parsep
3208   \if@tempswa\noexpand\@list@extra\fi

```



```

3209 }%
3210 \xepersian@setlength{\parsep}%
3211         {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3212 \xepersian@setlength{\topsep}%
3213         {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}
3214 \@tempswafalse
3215 \begingroup
3216 \def\@list@extra{\aftergroup\@tempwattrue}%
3217 \csname @listi\endcsname
3218 \endgroup
3219 \edef\@listi@footnotesize{\leftmargin\leftmargini
3220 \topsep \the\topsep
3221 \parsep \the\parsep
3222 \itemsep \parsep
3223 \if@tempswa\noexpand\@list@extra\fi
3224 }%
3225 \xepersian@setlength{\parsep}%
3226         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3227 \xepersian@setlength{\topsep}%
3228         {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3229 \@tempswafalse
3230 \begingroup
3231 \def\@list@extra{\aftergroup\@tempwattrue}%
3232 \csname @listii\endcsname
3233 \endgroup
3234 \edef\@listii{\leftmargin\leftmarginii
3235 \labelwidth=\dimexpr \leftmargin-\labelsep
3236 \topsep \the\topsep
3237 \parsep \the\parsep
3238 \itemsep \parsep
3239 \if@tempswa\noexpand\@list@extra\fi
3240 }%
3241 \xepersian@setlength{\topsep}%
3242         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3243 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3244 \@tempswafalse
3245 \begingroup
3246 \def\@list@extra{\aftergroup\@tempwattrue}%
3247 \csname @listiii\endcsname
3248 \endgroup
3249 \edef\@listiii{\leftmargin\leftmarginiii
3250 \labelwidth=\dimexpr \leftmargin-\labelsep
3251 \topsep \the\topsep
3252 \parsep \z@
3253 \partopsep \the\partopsep
3254 \itemsep \topsep
3255 \if@tempswa\noexpand\@list@extra\fi
3256 }%
3257 \@tempswafalse
3258 \begingroup

```



```

3259 \def\@list@extra{\aftergroup\@tempwattrue}%
3260 \csname @listiv\endcsname
3261 \endgroup
3262 \edef\@listiv{\leftmargin\leftmarginiv
3263 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3264 \if@tempswa\noexpand\@list@extra\fi
3265 }%
3266 \@tempswafalse
3267 \begingroup
3268 \def\@list@extra{\aftergroup\@tempwattrue}%
3269 \csname @listv\endcsname
3270 \endgroup
3271 \edef\@listv{\leftmargin\leftmarginv
3272 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3273 \if@tempswa\noexpand\@list@extra\fi
3274 }%
3275 \@tempswafalse
3276 \begingroup
3277 \def\@list@extra{\aftergroup\@tempwattrue}%
3278 \csname @listvi\endcsname
3279 \endgroup
3280 \edef\@listvi{\leftmargin\leftmarginvi
3281 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3282 \if@tempswa\noexpand\@list@extra\fi
3283 }%
3284 \@listi
3285 \setlength{\@tempdimb}{\f@baselineskip}%
3286 \setlength{\footnotesep}{.555\@tempdimb}%
3287 \xepersian@setlength{\skip\footins}%
3288 \{.75\@tempdimb\}{.3333\@tempdimb}{.1667\@tempdimb}%
3289 \xepersian@setlength{\floatsep}%
3290 \{\@tempdimb\}{.1667\@tempdimb}{.1667\@tempdimb}%
3291 \xepersian@setlength{\textfloatsep}%
3292 \{1.6667\@tempdimb\}{.1667\@tempdimb}{.3333\@tempdimb}%
3293 \setlength{\intextsep}{\floatsep}%
3294 \setlength{\dblfloatsep}{\floatsep}%
3295 \setlength{\dbltextfloatsep}{\textfloatsep}%
3296 \setlength{\@fptop}{\z@ \@plus 1fil}%
3297 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3298 \setlength{\@fpbot}{\@fptop}%
3299 \setlength{\@dblfpsep}{\@fpsep}%
3300 \setlength{\@dblpbot}{\@fpbot}%
3301 \setlength{\@dblpsep}{\@fpsep}%
3302 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3303 }
3304
3305 \renewcommand*{\@bidi@logo@}{\@bidi@logo@hb@xt@\textwidth{\hss\bfseries
3306
3307 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}
3308

```





```

3309 \renewcommand*{\@bidi@pdfcreator}{%
3310   The xepersian package, v\xepersian@version, \xepersian@date
3311 }
3312
3313 \newcommand\twocolumnstableofcontents{%
3314 \if@bidi@csundef{multi@column@out}{%
3315 \PackageError{xepersian}{Oops! you should load multicol package before xepersian package for b
3316 \begin{multicols}{2}[\section*{\contentsname}]{%
3317   \small
3318   \@starttoc{toc}%
3319 \end{multicols}}}%
3320 \bidi@newrobustcmd*{\XePersian}{\leavevmode$\smash{\hbox{X\lower.5ex
3321 \hbox{\kern-.125em\bidi@reflect@box{E}}Persian}}}$}
3322 \def\figurename{\if@RTL else\ Figure\fi}
3323 \def\tablename{\if@RTL else\ Table\fi}
3324 \def\contentsname{\if@RTL else\ Contents\fi}
3325 \def\listfigurename{\if@RTL else\ List of Figures\fi}
3326 \def\listtablename{\if@RTL else\ List of Tables\fi}
3327 \def\appendixname{\if@RTL else\ Appendix\fi}
3328 \def\indexname{\if@RTL else\ Index\fi}
3329 \def\refname{\if@RTL else\ References\fi}
3330 \def\abstractname{\if@RTL else\ Abstract\fi}
3331 \def\partname{\if@RTL else\ Part\fi}
3332 \def\datename{\if@RTL else\ Date:\fi}
3333 \def\@and{\if@RTL else\ and\fi}
3334 \def\bibname{\if@RTL else\ Bibliography\fi}
3335 \def\chaptername{\if@RTL else\ Chapter\fi}
3336 \def\ccname{\if@RTL else\ cc\fi}
3337 \def\enclname{\if@RTL else\ encl\fi}
3338 \def\pagename{\if@RTL else\ Page\fi}
3339 \def\headtoname{\if@RTL else\ To\fi}
3340 \def\proofname{\if@RTL else\ Proof\fi}
3341 \def\@Abjad#1{%
3342   \ifcase#1\or or\ or\ or\ or\ %
3343     \or or\ or\ or\ or\ %
3344     \or or\ or\ or\ or\ %
3345     \or or\ or\ or\ or\ %
3346     \or or\ or\ or\ or\ %
3347     \or or\ or\ or\ or\ %
3348     \else\@ctrerr\fi}
3349 \def\Abjad#1{\expandafter\@Abjad\csname c@#1\endcsname}
3350 \let\Abjadnumeral\@Abjad
3351 \def\@harfi#1{\ifcase#1\or or\ or\ or\ or\ or\ or\
3352 or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\
3353 or\ or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerr\fi}
3354 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3355 \let\harfinumeral\@harfi
3356 \newcommand{\adadi}[1]{%
3357 \expandafter\@adadi\csname c@#1\endcsname%
3358 }

```



```

3359 \newcommand{\@adadi}[1]{%
3360 \xepersian@numberstring{#1}\xepersian@yekanii{ }{}}%
3361 }
3362 \let\adadinumeral\@adadi%
3363 \def\xepersian@numberoutofrange#1#2{%
3364 \PackageError{xepersian}{The number `#1' is too large %
3365 to be formatted using xepersian}{The largest possible %
3366 number is 999,999,999.}%
3367 }
3368 \def\xepersian@numberstring#1#2#3#4{%
3369 \ifnum\number#1<\@ne%
3370 #3%
3371 \else\ifnum\number#1<1000000000 %
3372 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3373 \else%
3374 \xepersian@numberoutofrange{#1}{#4}%
3375 \fi\fi%
3376 }
3377 \def\xepersian@adadi#1#2{%
3378 \expandafter\xepersian@@adadi%
3379 \ifcase%
3380 \ifnum#1<10 1%
3381 \else\ifnum#1<100 2%
3382 \else\ifnum#1<\@m 3%
3383 \else\ifnum#1<\@M 4%
3384 \else\ifnum#1<100000 5%
3385 \else\ifnum#1<1000000 6%
3386 \else\ifnum#1<10000000 7%
3387 \else\ifnum#1<100000000 8%
3388 \else9%
3389 \fi\fi\fi\fi\fi\fi\fi\fi %
3390 \or00000000#1% case 1: Add 8 leading zeros
3391 \or0000000#1% case 2: Add 7 leading zeros
3392 \or000000#1% case 3: Add 6 leading zeros
3393 \or00000#1% case 4: Add 5 leading zeros
3394 \or0000#1% case 5: Add 4 leading zeros
3395 \or000#1% case 6: Add 3 leading zeros
3396 \or00#1% case 7: Add 2 leading zeros
3397 \or0#1% case 8: Add 1 leading zero
3398 \or#1% case 9: Add no leading zeros
3399 \or%
3400 \@nil#2%
3401 \fi%
3402 }
3403 \def\xepersian@@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3404 \ifnum#1#2#3>\z@
3405 \xepersian@milyoongan#1#2#3%
3406 \ifnum#7>\z@\ifnum#4#5#6>\z@ \else \fi\else\ifnum#4#5#6>\z@ \fi\fi%
3407 \fi%
3408 \ifnum#4#5#6>\z@%

```



```

3409 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3410 \ifnum#4#5#6>\@ne\fi%
3411 %
3412 \ifnum#7>\z@\ \fi%
3413 \fi%
3414 \xepersian@sadgan#7{#4#5#6}1#9%
3415 }
3416 \def\xepersian@milyoongan#1#2#3{%
3417 \ifnum#1#2#3=\@ne%
3418 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3419 %
3420 %
3421 \else%
3422 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3423 %
3424 %
3425 \fi%
3426 }
3427 \def\xepersian@sadgan#1#2#3#4#5#6{%
3428 \ifnum#1>\z@%
3429 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3430 %
3431 \ifnum#2#3>\z@\ \fi%
3432 \fi%
3433 \ifnum#2#3<20%
3434 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3435 \else%
3436 \xepersian@dahgan#2%
3437 \ifnum#3>\z@\ \xepersian@yekani#3\fi%
3438 #60%
3439 \fi%
3440 }
3441 \def\xepersian@yekani#1{%
3442 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3443 \or or\ or\ or\ or\ or\ or\ %
3444 \or or\ or\ or\ %
3445 \or or\ %fi\
3446 }
3447 \def\xepersian@yekanii#1{%
3448 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3449 }
3450 \def\xepersian@yekanii#1{%
3451 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3452 }
3453 \def\xepersian@yekaniv#1{%
3454 \ifcase#1\@empty\or or\ or\ or\ or\ %
3455 \or or\ or\ %fi\
3456 }
3457 \def\xepersian@dahgan#1{%
3458 \ifcase#1\or or\ or\ or\ %

```



```

3459 \or or\ or\ or\ %
3460 \or %fi\
3461 }
3462 \newcommand{\tartibi}[1]{%
3463 \expandafter\@tartibi\csname c@#1\endcsname%
3464 }
3465 \newcommand{\@tartibi}[1]{%
3466 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{ }%
3467 }
3468 \let\tartibinumeral\@tartibi%
3469 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3470 \ifnum\number#1<\@ne%
3471 #3%
3472 \else\ifnum\number#1<1000000000 %
3473 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3474 \else%
3475 \xepersian@numberoutofrange{#1}{#4}%
3476 \fi\fi%
3477 }
3478 \def\xepersian@adadi@tartibi#1#2{%
3479 \expandafter\xepersian@@adadi@tartibi%
3480 \ifcase%
3481 \ifnum#1<10 1%
3482 \else\ifnum#1<100 2%
3483 \else\ifnum#1<\@m 3%
3484 \else\ifnum#1<\@M 4%
3485 \else\ifnum#1<100000 5%
3486 \else\ifnum#1<1000000 6%
3487 \else\ifnum#1<10000000 7%
3488 \else\ifnum#1<100000000 8%
3489 \else9%
3490 \fi\fi\fi\fi\fi\fi\fi\fi %
3491 \or00000000#1% case 1: Add 8 leading zeros
3492 \or0000000#1% case 2: Add 7 leading zeros
3493 \or000000#1% case 3: Add 6 leading zeros
3494 \or00000#1% case 4: Add 5 leading zeros
3495 \or0000#1% case 5: Add 4 leading zeros
3496 \or000#1% case 6: Add 3 leading zeros
3497 \or00#1% case 7: Add 2 leading zeros
3498 \or0#1% case 8: Add 1 leading zero
3499 \or#1% case 9: Add no leading zeros
3500 \or%
3501 \@nil#2%
3502 \fi%
3503 }
3504 \def\xepersian@@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3505 \ifnum#1#2#3>\z@
3506 \xepersian@milyoongan@tartibi#1#2#3%
3507 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3508 \fi%

```



```

3509 \ifnum#4#5#6>\z@%
3510 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3511 \ifnum#4#5#6>\@ne \fi%
3512 %
3513 \ifnum#7>\z@\ \fi%
3514 \fi%
3515 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3516 }
3517 \def\xepersian@milyoongan@tartibi#1#2#3{%
3518 \ifnum#1#2#3=\@ne%
3519 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3520 %
3521 %
3522 \else%
3523 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3524 %
3525 %
3526 \fi%
3527 }
3528 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3529 \ifnum#1>\z@%
3530 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3531 %
3532 \ifnum#2#3>\z@\ \fi%
3533 \fi%
3534 \ifnum#2#3<20%
3535 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3536 \else%
3537 \ifnum#2#3=30%
3538 \xepersian@dahgan@tartibi#2%
3539 \else%
3540 \xepersian@dahgan#2%
3541 \fi%
3542 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3543 #60%
3544 \fi%
3545 }
3546 \def\xepersian@dahgan@tartibi#1{%
3547 \ifcase#1\or\or or\ or\ %
3548 \or or\ or\ or\ %
3549 \or %fi\
3550 }
3551 \def\xepersian@tartibi#1{%
3552 \ifcase#1\or or\ or\ or\ %
3553 \or or\ or\ or\ or\ %
3554 \or or\ or\ or\ %
3555 \or or\ or\ %
3556 \or or\ or\ %fi\
3557 }
3558 \def\xepersian@yekanv#1{%

```



```

3559 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3560 \or or\ or\ or\ or\ or\ or\ %
3561 \or or\ or\ or\ %
3562 \or or\ %fi\
3563 }
3564 \providecommand*{\xpg@warning}[1]{%
3565   \PackageWarning{XePersian}%
3566   {#1}}
3567 \if@bidi@csundef{@abjad}{%
3568 \def\@abjad#1{%
3569 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3570 \else
3571   \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3572   \else
3573     \ifnum#1<10\expandafter\abj@num@i\number#1%
3574     \else
3575       \ifnum#1<100\expandafter\abj@num@ii\number#1%
3576       \else
3577         \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3578         \else
3579           \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3580           \fi
3581         \fi
3582       \fi
3583     \fi
3584   \fi
3585 \fi
3586 }
3587 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3588 \let\abjadnumeral\@abjad
3589 \def\abjad@zero{}
3590 \def\abj@num@i#1{%
3591   \ifcase#1\or or\ or\ or\ %
3592     \or or\ or\ or\ or\ fi\
3593   \ifnum#1=\z@\abjad@zero\fi}
3594 \def\abj@num@ii#1{%
3595   \ifcase#1\or or\ or\ or\ or\ %
3596     \or or\ or\ or\ or\ fi\
3597   \ifnum#1=\z@\fi\abj@num@i}
3598 \def\abj@num@iii#1{%
3599   \ifcase#1\or or\ or\ or\ or\ %
3600     \or or\ or\ or\ or\ fi\
3601   \ifnum#1=\z@\fi\abj@num@ii}
3602 \def\abj@num@iv#1{%
3603   \ifcase#1\or fi\
3604   \ifnum#1=\z@\fi\abj@num@iii}
3605 }{}
3606 \let\@latinalph\@alph%
3607 \let\@latinAlph\@Alph%
3608 \def\LatinAlphs{%

```



```

3609 \let\@alph\@latinalph%
3610 \let\@Alph\@latinAlph%
3611 }
3612 \def\thempfootnote{\itshape\@latinalph\c@mpfootnote}}
3613 \renewcommand*\@bidi@thebibliography@font@hook{%
3614 \if@LTRbibitems
3615 \resetlatinfont
3616 \fi}
3617 \bidi@AfterEndPreamble{%
3618 \if@bidi@csundef{persianfont}{%
3619 \PackageError{xepersian}{You have not specified any font\MessageBreak
3620 for the main Persian text}{Use \settextfont' to load a font.}%
3621 }{}}
3622 \@ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3623 \@ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3624 \@ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3625 \@ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3626 \@ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3627 \@ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3628 \@ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3629 \@ifpackageloaded{flowfram}{\input{flowfram-xepersian.def}}{}
3630 \@ifpackageloaded{bidituftesidenote}{\input{bidituftesidenote-xepersian.def}}{}
3631 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3632 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3633 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3634 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3635 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3636 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3637 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3638 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3639 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3640 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3641 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}{}{\input{tocloft-xepersian.def}}}{}}
3642 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3643 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3644 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3645 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3646 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3647 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3648 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3649 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3650 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3651 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3652 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3653 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3654 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3655 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3656 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3657 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
3658 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}

```



```

3659 \ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3660 \ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3661 \ifclassloaded{book}{\input{book-xepersian.def}}{}
3662 \ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
3663 \ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3664 \ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3665
3666 \def\xepersian@@fontsize@branch#1{%
3667   \@tempcnta\z@
3668   \@for\xepersian@tmp:=#1\do{%
3669     \KV@sp@def\xepersian@frag{\xepersian@tmp}%
3670     \ifcase\@tempcnta\relax% cnta == 0
3671       \edef\xepersian@value{\xepersian@frag}%
3672       \setfontsize{\xepersian@frag}%
3673     \or% cnta == 1
3674       \setfontsize[\xepersian@frag]{\xepersian@value}%
3675     \else\fi
3676     \advance\@tempcnta\@ne}%
3677 }
3678
3679
3680 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default
3681   \ifcase\xepersian@tempb\relax
3682     \AutoMathsDigits
3683   \or
3684     \DefaultMathsDigits
3685   \or
3686     \PersianMathsDigits
3687   \fi}
3688 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3689   \ifcase\xepersian@tempb\relax
3690     \AutoInlineMathsDigits
3691   \or
3692     \DefaultInlineMathsDigits
3693   \or
3694     \PersianInlineMathsDigits
3695   \fi}
3696 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3697   \ifcase\xepersian@tempb\relax
3698     \AutoDisplayMathsDigits
3699   \or
3700     \DefaultDisplayMathsDigits
3701   \or
3702     \PersianDisplayMathsDigits
3703   \fi}
3704 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3705   \ifcase\xepersian@tempb\relax
3706     \@RTLtrue
3707   \or
3708     \@RTLfalse

```





```

3709 \fi}
3710
3711 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3712 \ifcase\xepersian@tempb\relax
3713 \RTLtrue
3714 \or
3715 \RTLfalse
3716 \fi}
3717
3718
3719 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3720 \ifcase\xepersian@tempb\relax
3721 \RTLtabtrue
3722 \or
3723 \RTLtabfalse
3724 \fi}
3725
3726 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[latin]
3727 \ifcase\xepersian@tempb\relax
3728 \nonlatinfalse
3729 \or
3730 \nonlatintrue
3731 \fi}
3732
3733 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3734 \ifcase\xepersian@tempb\relax
3735 \RTLtrue
3736 \or
3737 \RTLfalse
3738 \fi}
3739 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,left}
3740 \ifcase\xepersian@tempb\relax
3741 \autofootnoterule
3742 \or
3743 \leftfootnoterule
3744 \or
3745 \rightfootnoterule
3746 \or
3747 \SplitFootnoteRule
3748 \or
3749 \textwidthfootnoterule
3750 \fi}
3751 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3752 \ifcase\xepersian@tempb\relax
3753 \RTL@footnotetrue
3754 \or
3755 \RTL@footnotefalse
3756 \fi}
3757 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,off}
3758 \ifcase\xepersian@tempb\relax

```



```

3759 \footdir@debugtrue
3760 \or
3761 \footdir@debugfalse
3762 \fi}
3763 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3764 \ifcase\xepersian@tempb\relax
3765 \input{kashida-xepersian.def}
3766 \fi}
3767 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3768 \ifcase\xepersian@tempb\relax
3769 \@Kashida@XB@fixtrue
3770 \or
3771 \@Kashida@XB@fixfalse
3772 \fi}
3773 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3774 \ifcase\xepersian@tempb\relax
3775 \input{localise-xepersian.def}
3776 \fi}
3777 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,o
3778 \ifcase\xepersian@tempb\relax
3779 \@extrafootnotefeaturestrue
3780 \or
3781 \@extrafootnotefeaturesfalse
3782 \fi}
3783 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3784 \ifcase\xepersian@tempb\relax
3785 \PackageWarning{xepersian}{Obsolete option}%
3786 \ifwritexviii%
3787 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
3788 \renewcommand\printindex{\newpage%
3789 \immediate\closeout\@indexfile
3790 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
3791 \@input@{\jobname.ind}}}%
3792 \else
3793 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
3794 \fi
3795 \fi}
3796 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off}
3797 \ifcase\xepersian@tempb\relax
3798 \ifwritexviii%
3799 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
3800 \renewcommand\printindex{\newpage%
3801 \immediate\closeout\@indexfile
3802 \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
3803 \@input@{\jobname.ind}}}%
3804 \else
3805 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
3806 \fi
3807 \fi}
3808 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off}

```



```

3809 \ifcase\xepersian@tempb\relax
3810 \ifwritexviii%
3811 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
3812 \renewcommand\printindex{\newpage%
3813 \immediate\closeout\@indexfile
3814 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
3815 \@input@\jobname.ind}}}%
3816 \else
3817 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
3818 \fi
3819 \fi}
3820 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
3821 \ifcase\xepersian@tempb\relax
3822 \def\PersianAlphs{%
3823 \let\@alph\@abjad%
3824 \let\@Alph\@abjad%
3825 }
3826 \or
3827 \def\PersianAlphs{%
3828 \let\@alph\@Abjad%
3829 \let\@Alph\@Abjad%
3830 }
3831 \fi}
3832 \DeclareOptionX{defaultlatinfontfeatures}{%
3833 \defaultfontfeatures
3834 [\latinfont]
3835 {#1}
3836 }
3837
3838 \DeclareOptionX{mathfontsizescale}{%
3839 \def\xepersian@@math@fontsize@scale{#1}%
3840 }
3841
3842 \DeclareOptionX{fontsizescale}{%
3843 \def\xepersian@@fontsize@scale{#1}%
3844 }
3845
3846 \DeclareOptionX{fontsize}{%
3847 \xepersian@@fontsize@branch{#1}%
3848 }
3849
3850 \DeclareOptionX{latinfontsizescale}{%
3851 \def\xepersian@@latin@fontsize@scale{#1}%
3852 }
3853
3854 \DeclareOptionX{baselineskip scale}{%
3855 \def\xepersian@@baselineskip@scale{#1}%
3856 }
3857
3858 \DeclareOptionX{latinbaselineskip scale}{%

```



```

3859 \def\xepersian@@latin@baselineskip@scale{#1}%
3860 }
3861
3862 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3863 \ifcase\xepersian@tempb\relax
3864 \AtBeginDocument{\@bidi@inslogo@}%
3865 \or
3866 \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
3867 \fi}
3868
3869 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3870 \ifcase\xepersian@tempb\relax
3871 \@bidi@pdfm@marktrue
3872 \or
3873 \@bidi@pdfm@markfalse
3874 \fi}
3875
3876 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3877 \ifcase\xepersian@tempb\relax
3878 \@xepersian@@computeautoilgtrue
3879 \or
3880 \@xepersian@@computeautoilgfalse
3881 \fi}
3882
3883 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3884 \ifcase\xepersian@tempb\relax
3885 \def\bidi@firstcolumn@status@write{%
3886 \protected@write\@auxout{%
3887 {\string\bidi@column@status
3888 {1}}}%
3889 \def\bidi@lastcolumn@status@write{%
3890 \protected@write\@auxout{%
3891 {\string\bidi@column@status{2}}}%
3892 \or
3893 \let\bidi@firstcolumn@status@write\relax
3894 \let\bidi@lastcolumn@status@write\relax
3895 \fi}
3896
3897
3898 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}
3899 \ifcase\xepersian@tempb\relax
3900 \bidi@AtEndPreamble{%
3901 \bidi@patchcmd{\xepersian@@start@switch@textdigitfont}%
3902 {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{}{}%
3903 }
3904 \or
3905 \relax
3906 \fi}
3907
3908 \ExecuteOptionsX{%

```



```

3909 documentdirection=righttoleft,
3910 tabledirection=righttoleft,
3911 script=nonlatin,
3912 footnotedirection=righttoleft,
3913 footnoterule=automatic,
3914 abjadvariant=two,
3915 DetectColumn=off,
3916 fontsizescale=\@ne,
3917 latinfontsizescale=\@ne,
3918 mathfontsizescale=\@ne,
3919 baselineskipscale=\@ne,
3920 latinbaselineskipscale=\@ne
3921 }
3922
3923 \ProcessOptionsX
3924
3925 \if@extrafootnotefeatures
3926   \input{extrafootnotefeatures-xetex-bidi.def}
3927   \input{extrafootnotefeatures-xepersian.def}
3928 \fi
3929
3930 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
3931   \@tempdimb\xepersian@@fontsize@scale\dimexpr#2pt\relax
3932 }{}{}
3933
3934 \bidi@patchcmd{\set@fontsize}{\@tempkipa#3pt}{%
3935   \@tempkipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
3936 }{}{}
3937
3938
3939 \newcommand*{\xepersian@@update@math@fontsize}[1]{%
3940   \strip@pt\dimexpr\xepersian@@math@fontsize@scale
3941   \dimexpr 1pt * \dimexpr #1 pt\relax /
3942   \dimexpr \xepersian@@fontsize@scale pt\relax
3943   \relax\relax
3944 }
3945
3946 \bidi@patchcmd{\getanddefine@fonts}{%
3947   \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
3948 }{%
3949   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
3950 }{}{}
3951
3952 \bidi@patchcmd{\getanddefine@fonts}{%
3953   \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
3954 }{%
3955   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sfont@size\endcsname}%
3956 }{}{}
3957
3958 \bidi@patchcmd{\getanddefine@fonts}{%

```



```

3959 \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
3960 }{%
3961 \xdef\font@name{\csname \string#2/\xepersian@update@math@fontsize\ssf@size\endcsname}%
3962 }{}{}
3963
3964
3965 \if\xepersian@computeautoilg
3966 \bidi@patchcmd{\set@fontsize}{%
3967 \baselineskip\f@baselineskip\relax
3968 }{%
3969 \baselineskip\f@baselineskip\relax
3970 \xepersian@computeautoilg
3971 \ifdim\xepersian@strutilg>\baselineskip
3972 \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found
3973 \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
3974 \baselineskip\xepersian@strutilg
3975 \ifdim\footnotesep=.7\baselineskip
3976 \else
3977 \footnotesep.7\baselineskip
3978 \fi
3979 \fi
3980 }{}{}
3981 \fi
3982
3983 \setlatintextfont[ExternalLocation,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-boldita
3984 \PersianAlphs

```

## 57 File xepersian-magazine.cls

```

3985 \NeedsTeXFormat{LaTeX2e}
3986 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
3987 \RequirePackage{ifthen}
3988 \newlength{\xepersian@imgsize}
3989 \newlength{\xepersian@coltitsize}
3990 \newlength{\xepersian@pageneed}
3991 \newlength{\xepersian@pageleft}
3992 \newlength{\xepersian@indexwidth}
3993 \newcommand{\xepersian@ncolumns}{0}
3994 \newlength{\columnlines}
3995 \setlength{\columnlines}{0 pt} % no lines by default
3996 \newboolean{xepersian@hyphenatedtitles}
3997 \setboolean{xepersian@hyphenatedtitles}{true}
3998 \newboolean{xepersian@ninepoints}
3999 \setboolean{xepersian@ninepoints}{false}
4000 \newboolean{xepersian@showgrid}
4001 \setboolean{xepersian@showgrid}{false}
4002 \newboolean{xepersian@a3paper}
4003 \setboolean{xepersian@a3paper}{false}
4004 \newboolean{xepersian@insidefrontpage}
4005 \setboolean{xepersian@insidefrontpage}{false}

```



```

4006 \newboolean{xepersian@insideweather}
4007 \setboolean{xepersian@insideweather}{false}
4008 \newboolean{xepersian@insideindex}
4009 \setboolean{xepersian@insideindex}{false}
4010 \newcount\xepersian@gridrows
4011 \newcount\xepersian@gridcolumns
4012 \xepersian@gridrows=40
4013 \xepersian@gridcolumns=50
4014 \newcount\minraggedcols
4015 \minraggedcols=5
4016 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4017 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4018 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4019 \DeclareOption{twocolumn}%
4020 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4021 \DeclareOption{notitlepage}%
4022 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4023 \DeclareOption{twoside}%
4024 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4025 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4026 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4027 \DeclareOption{columnlines}{\setlength{columnlines}{0.1 pt}}
4028 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4029 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}
4030 \ProcessOptions\relax
4031 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4032 \RequirePackage{ifxetex}
4033 \RequirePackage{multido}
4034 \RequirePackage{datetime}
4035 \RequirePackage{multicol}
4036 \RequirePackage{fancyhdr}
4037 \RequirePackage{fancybox}
4038 \ifthenelse{\boolean{xepersian@a3paper}}{%
4039 \RequirePackage[a3paper, headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4040 }{
4041 \RequirePackage[headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4042 }
4043 \RequirePackage[absolute]{textpos} % absolute positioning
4044 \RequirePackage{hyphenat} % when hyphenate
4045 \RequirePackage{lastpage} % to know the last page number
4046 \RequirePackage{setspace} % set space between lines
4047 \RequirePackage{ragged2e}
4048 \newcommand{\raggedFormat}{\RaggedLeft}
4049 \AtEndOfClass{\xepersianInit}
4050 \ifthenelse{\boolean{xepersian@showgrid}}{%
4051 \AtBeginDocument{
4052 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4053 \advance\minraggedcols by -1
4054 }{%
4055 \AtBeginDocument{

```



```

4056 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4057 \advance\minraggedcols by -1
4058 }
4059 \ifthenelse{\boolean{xepersian@ninepoints}}{
4060 \renewcommand{\normalsize}{%
4061   \@setfontsize{\normalsize}{9pt}{10pt}%
4062   \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4063   \setlength{\belowdisplayskip}{\abovedisplayskip}%
4064   \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4065   \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4066
4067 \renewcommand{\tiny}{\@setfontsize{\tiny}{5pt}{6pt}}
4068
4069 \renewcommand{\scriptsize}{\@setfontsize{\scriptsize}{7pt}{8pt}}
4070
4071 \renewcommand{\small}{%
4072   \@setfontsize{\small}{8pt}{9pt}%
4073   \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4074   \setlength{\belowdisplayskip}{\abovedisplayskip}%
4075   \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4076   \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4077
4078 \renewcommand{\footnotesize}{%
4079   \@setfontsize{\footnotesize}{8pt}{9pt}%
4080   \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4081   \setlength{\belowdisplayskip}{\abovedisplayskip}%
4082   \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4083   \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4084
4085 \renewcommand{\large}{\@setfontsize{\large}{11pt}{13pt}}
4086 \renewcommand{\Large}{\@setfontsize{\Large}{14pt}{18pt}}
4087 \renewcommand{\LARGE}{\@setfontsize{\LARGE}{18pt}{20pt}}
4088 \renewcommand{\huge}{\@setfontsize{\huge}{20pt}{25pt}}
4089 \renewcommand{\Huge}{\@setfontsize{\Huge}{25pt}{30pt}}
4090 }{}
4091 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4092 \newcommand{\xepersian@wwwFormat}{\sffamily}
4093 \newcommand{\xepersian@www}{%
4094   \raisebox{-3pt}{\{\xepersian@wwwFormat\@customwwwTxt}}
4095 }
4096 \newcommand{\xepersian@edition}{
4097   \newcommand{\editionFormat}{\large\bfseries\texttt}
4098   \newcommand{\xepersian@editionLogo}{%
4099     \raisebox{-3pt}{%
4100       {\editionFormat\xepersian@edition}%
4101     }}%
4102 }
4103 \newcommand{\indexFormat}{\large\bfseries}
4104 \newcommand{\xepersian@indexFrameTitle}[1]
4105 {\begin{flushright}{\{\indexFormat #1\}}\end{flushright}}

```





```

4106
4107 \newcommand{\indexEntryFormat}{\normalsize}
4108 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4109 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4110 \end{minipage}}
4111 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4112 \newcommand{\indexEntryPageTxt}{ }
4113 \newcommand{\indexEntryPageFormat}{\footnotesize}
4114 \newcommand{\xepersian@indexEntryPage}[1]{%
4115 {\indexEntryPageFormat{\indexEntryPageTxt}{~#1}}%
4116 }
4117 \newcommand{\headDateTimeFormat}{}
4118 \newcommand{\xepersian@headDateTime}{%
4119 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4120 \currenttime %
4121 }
4122 \newcommand{\weatherFormat}{\bfseries}
4123 \newcommand{\xepersian@weather}[1]{%
4124 \noindent{\weatherFormat #1}%
4125 }
4126 \newcommand{\weatherTempFormat}{\small}
4127 \newcommand{\weatherUnits}{\textdegree{C}}
4128 \newcommand{\xepersian@section}[0]{ {
4129 \newcommand{\xepersian@headleft}{%
4130 {\small\bfseries \@custommagazinename} \date
4131 }
4132 \newcommand{\xepersian@headcenter}{%
4133 \xepersian@section{}
4134 }
4135 \newcommand{\xepersian@headright}{%
4136 \small\xepersian@edition%
4137 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4138 }
4139
4140 \newcommand{\heading}[3]{%
4141 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4142 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4143 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4144 }
4145 \newcommand{\xepersian@footright}{%
4146 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4147 }
4148 \newcommand{\xepersian@footcenter}{%
4149 }
4150 \newcommand{\xepersian@footleft}{%
4151 }
4152
4153 \newcommand{\foot}[3]{%
4154 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4155 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%

```



```

4156 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4157 }
4158 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4159 \newcommand{\xepersian@firstTitle}[1]{%
4160 {%
4161 \begin{spacing}{2.0}{%
4162 \noindent\ignorespaces
4163 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4164 {\nohyphens{\firstTitleFormat #1}}%
4165 {\firstTitleFormat #1}}%
4166 }%
4167 \end{spacing}%
4168 }%
4169 }
4170 \newcommand{\firstTextFormat}{%
4171 \newcommand{\xepersian@firstText}[1]{%
4172 {\noindent\ignorespaces\firstTextFormat #1}%
4173 }
4174 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4175 \newcommand{\xepersian@secondTitle}[1]{%
4176 \begin{spacing}{1.5}{%
4177 \noindent\ignorespaces\flushright
4178 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4179 {\nohyphens{\secondTitleFormat #1}}%
4180 {\secondTitleFormat #1}}%
4181 }\end{spacing}%
4182 }
4183 \newcommand{\secondSubtitleFormat}{\large}
4184 \newcommand{\xepersian@secondSubtitle}[1]{%
4185 {\noindent\ignorespaces\secondSubtitleFormat #1}%
4186 }
4187 \newcommand{\secondTextFormat}{%
4188 \newcommand{\xepersian@secondText}[1]{%
4189 \begin{multicols}{2}
4190 {\noindent\ignorespaces\secondTextFormat #1}
4191 \end{multicols}
4192 }
4193 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4194 \newcommand{\xepersian@thirdTitle}[1]{%
4195 \begin{spacing}{1.5}{%
4196 \noindent\ignorespaces\flushright
4197 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4198 {\nohyphens{\thirdTitleFormat #1}}%
4199 {\thirdTitleFormat #1}}%
4200 }\end{spacing}%
4201 }
4202 \newcommand{\thirdSubtitleFormat}{\large}
4203 \newcommand{\xepersian@thirdSubtitle}[1]{%
4204 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4205 \newcommand{\thirdTextFormat}{%

```



```

4206 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}
4207 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4208 \newcommand{\xepersian@pictureCaption}[1]{%
4209 {\noindent\pictureCaptionFormat #1}%
4210 }
4211 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4212 \newcommand{\xepersian@pages}[1]%
4213 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4214 \newcommand{\innerTitleFormat}{\Huge}
4215 \newcommand{\xepersian@innerTitle}[1]{%
4216 \begin{flushright}{%
4217 \noindent
4218 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4219 {\nohyphens{\innerTitleFormat #1}}%
4220 {\innerTitleFormat #1}}%
4221 }%
4222 \\\%
4223 \end{flushright}}%
4224 }
4225 \newcommand{\innerSubtitleFormat}{\large}
4226 \newcommand{\xepersian@innerSubtitle}[1]{\innerSubtitleFormat #1}
4227 \newcommand{\timestampTxt}{}
4228 \newcommand{\timestampSeparator}{|}
4229 \newcommand{\timestampFormat}{\small}
4230 \newcommand{\timestamp}[1]{%
4231 {\timestampFormat%
4232 #1~\timestampTxt}%
4233 }~\timestampSeparator}%
4234 }
4235 \newcommand{\innerAuthorFormat}{\footnotesize}
4236 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4237 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4238 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4239 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4240 \newcommand{\editorialAuthorFormat}{\textsc}
4241 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4242 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}
4243 \newcommand{\shortarticleSubtitleFormat}{\Large}
4244 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}
4245 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4246 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}
4247 \renewcommand{\maketitle}{\begin{titlepage}%
4248 \let\footnotesize\small
4249 \let\footnoterule\relax
4250 \let \footnote \thanks
4251 \null\vfil
4252 \vskip 60\p@
4253 \begin{center}%
4254 {\LARGE \@title \par}%
4255 \vskip 1em%

```



```

4256 {\LARGE «\xepersian@edition» \par}%
4257 \vskip 3em%
4258 {\large
4259 \lineskip .75em%
4260 \begin{tabular}[t]{c}%
4261 \@author
4262 \end{tabular}\par}%
4263 \vskip 1.5em%
4264 {\large \@date \par}%
4265 \end{center}\par
4266 \@thanks
4267 \vfil\null
4268 \end{titlepage}%
4269 \setcounter{footnote}{0}%
4270 \global\let\thanks\relax
4271 \global\let\maketitle\relax
4272 \global\let\@thanks\@empty
4273 \global\let\@author\@empty
4274 \global\let\@date\@empty
4275 \global\let\@title\@empty
4276 \global\let\title\relax
4277 \global\let\author\relax
4278 \global\let\date\relax
4279 \global\let\and\relax
4280 }
4281 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4282 \newsavebox{\xepersian@fmbox}
4283 \newenvironment{xepersian@fmpage}[1]
4284 {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4285 {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4286 \newcommand{\image}[2]{
4287 \vspace{5pt}
4288 \setlength{\fboxsep}{1pt}
4289 \addtolength{\xepersian@imgsize}{\columnwidth}
4290 \addtolength{\xepersian@imgsize}{-1\columnsep}
4291 \ifxetex
4292 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4293 \addtolength{\xepersian@pageneed}{50pt}
4294 \ClassWarning{xepersian-magazine}{%
4295 Image #1 needs: \the\xepersian@pageneed \space %
4296 and there is left: \the\page@free\space%
4297 }
4298 \ifdim \xepersian@pageneed < \page@free
4299
4300 {\centering\fbox{%
4301 \includegraphics[width = \xepersian@imgsize,
4302 height = \xepersian@imgsize,
4303 keepaspectratio ]{#1}}}
4304 \xepersian@pictureCaption{#2}
4305

```



```

4306 \vspace{5pt}
4307 \else
4308 \ClassWarning{Image #1 needs more space!%
4309   It was not inserted!}
4310 \fi
4311 \fi
4312 }
4313 \textblockorigin{1cm}{1cm}
4314 \newdimen\xepersian@dx
4315 \newdimen\xepersian@dy
4316 \newcount\xepersian@cx
4317 \newcount\xepersian@cy
4318 \newcommand{\grid}[3][ ]{
4319 \xepersian@dx=\textwidth%
4320 \xepersian@dy=\textheight%
4321 \xepersian@cx=#3% %columns
4322 \xepersian@cy=#2% %rows
4323
4324 \count1=#3%
4325 \advance\count1 by 1
4326
4327 \count2=#2%
4328 \advance\count2 by 1
4329
4330 \divide\xepersian@dx by #3
4331 \divide\xepersian@dy by #2
4332
4333 \setlength{\TPHorizModule}{\xepersian@dx}
4334 \setlength{\TPVertModule}{\xepersian@dy}
4335
4336 \ifthenelse{\equal{#1}{show}}{
4337 \multido{\xepersian@nrow=0+1}{\count2}{
4338 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4339 \rule[0pt]{\textwidth}{.1pt}
4340 \end{textblock}
4341 }
4342
4343 \multido{\xepersian@ncol=0+1}{\count1}{
4344 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4345 \rule[0pt]{.1pt}{\textheight}
4346 \end{textblock}
4347 }
4348 }{}
4349 }
4350 \newcommand{\xepersianInit}{
4351 \setlength{\headheight}{14pt}
4352 \renewcommand{\headrulewidth}{0.4pt}
4353
4354 \pagestyle{fancy}
4355

```



```

4356 \setlength{\columnseprule}{\columnlines}
4357 \setlength{\fboxrule}{0.1 pt}
4358
4359 }
4360
4361 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4362 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4363 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4364 \newcommand{\logo}[0]{
4365 %% Heading %%
4366 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4367
4368 \vspace*{-3pt}
4369
4370 {\Large\bfseries \@customlogo}
4371 \hrulefill
4372 \hspace{10pt}\xepersian@headDateTime
4373
4374 }
4375 \newcommand{\minilogo}[0]{
4376 {\large\bfseries \@customminilogo}
4377
4378 \vspace*{5pt}
4379 }
4380 \newcommand{\mylogo}[1]{
4381 {\beginR#1\endR}
4382
4383 \noindent
4384 \xepersian@editionLogo\hspace{5pt}
4385 \hrulefill
4386 \hspace{5pt}\xepersian@headDateTime
4387 }
4388 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4389 \newenvironment{frontpage}[0]
4390 {
4391 \setboolean{xepersian@insidefrontpage}{true}
4392 \thispagestyle{empty}
4393 \logo
4394
4395 }%
4396 {
4397 \thispagestyle{empty}
4398 \clearpage
4399 \newpage
4400 \fancyhead{}
4401 \fancyfoot{}
4402 \fancyhead[RO,LE]{\beginR\xepersian@headright\endR}
4403 \fancyhead[LO,RE]{\beginR\xepersian@headleft\endR}
4404 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4405 \fancyfoot[RO,LE]{\beginR\xepersian@footright\endR}

```



```

4406 \fancyfoot [LO,RE]{\beginR\xepersian@footleft\endR}
4407 \fancyfoot [C]{\beginR\xepersian@footcenter\endR}
4408 \renewcommand{\headrulewidth}{0.4pt}
4409 \setboolean{xepersian@insidefrontpage}{false}
4410
4411 }
4412 \newcommand{\firstarticle}[3]
4413 {
4414 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4415 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4416 \begin{textblock}{24}(22,5)
4417 }
4418 {
4419 \begin{textblock}{28}(22,5)
4420 }
4421 \vspace{-7pt}
4422 \xepersian@firstTitle{#1}
4423 \end{textblock}
4424 \begin{textblock}{29}(22,10)
4425 \vspace{5pt plus 2pt minus 2pt}
4426
4427 \xepersian@firstText{\timestamp{#3}~#2}
4428
4429 \end{textblock}
4430
4431 \begin{textblock}{50}(0,15)
4432 \rule{50\TPHorizModule}{.3pt}
4433 \end{textblock}
4434 }{%else
4435 \ClassError{xepersian-magazine}{%
4436 \protect\firstarticle\space in a wrong place.\MessageBreak
4437 \protect\firstarticle\space may only appear inside frontpage environment.
4438 }{%
4439 \protect\firstarticle\space may only appear inside frontpage environment.
4440 }%
4441 }
4442 }
4443 \newcommand{\secondarticle}[5]
4444 {
4445 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4446 \begin{textblock}{33}(2,16)
4447 \xepersian@pages{#4}
4448 \vspace{-5pt}
4449 \xepersian@secondTitle{#1}
4450
4451 \vspace*{5pt}
4452
4453 \xepersian@secondSubtitle{#2}
4454
4455 \vspace*{-7pt}

```



```

4456
4457 \xepersian@secondText{\timestamp{#5}~#3}
4458
4459 \end{textblock}
4460
4461 \begin{textblock}{33}(2,25)
4462 \vspace{5pt plus 2pt minus 2pt}
4463
4464 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4465 \end{textblock}
4466 }{%else
4467 \ClassError{xepersian-magazine}{%
4468 \protect\secondarticle\space in a wrong place.\MessageBreak
4469 \protect\secondarticle\space may only appear inside frontpage environment.
4470 }{%
4471 \protect\secondarticle\space may only appear inside frontpage environment.
4472 }%
4473 }
4474 }
4475 \newcommand{\thirdarticle}[6]
4476 {
4477 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4478 \begin{textblock}{32}(2,26)
4479 \xepersian@pages{#5}
4480 \vspace{-5pt}
4481 \setlength{\fboxsep}{1pt}
4482 \xepersian@thirdTitle{#1}
4483
4484 \vspace*{5pt}
4485
4486 \xepersian@thirdSubtitle{#2}
4487
4488 \vspace*{5pt}
4489
4490 {\noindent\ignorespaces %
4491 \ifthenelse{\equal{#4}{}}{}{}}
4492
4493 \xepersian@thirdText{\timestamp{#6}~#3}
4494
4495 }
4496
4497 \vspace*{5pt}
4498
4499 \end{textblock}
4500 }{%else
4501 \ClassError{xepersian-magazine}{%
4502 \protect\thirdarticle\space in a wrong place.\MessageBreak
4503 \protect\thirdarticle\space may only appear inside frontpage environment.
4504 }{%
4505 \protect\thirdarticle\space may only appear inside frontpage environment.

```





```

4506 }%
4507 }
4508 }
4509 \newcommand{\firstimage}[2]
4510 {
4511 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4512 \begin{textblock}{18}(2,5)
4513 \setlength{\fboxsep}{1pt}
4514 \ifxetex % only in PDF
4515 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4516 \fi
4517
4518 \xepersian@pictureCaption{#2}
4519 \end{textblock}}%
4520 }
4521 {\ClassError{xepersian-magazine}{%
4522 \protect\firstimage\space in a wrong place.\MessageBreak
4523 \protect\firstimage\space may only appear inside frontpage environment.
4524 }{%
4525 \protect\firstimage\space may only appear inside frontpage environment.
4526 }}
4527 }%
4528 \newcommand{\weatheritem}[5]{%
4529 \ifthenelse{\boolean{xepersian@insideweather}}{
4530 \begin{minipage}{45pt}
4531 \ifxetex
4532 \includegraphics[width=40pt]{#1}
4533 \fi
4534 \end{minipage}
4535 \begin{minipage}{50pt}
4536 \weatherTempFormat
4537 #2\
4538 \beginL#3 $\mid$ #4 \lr{\weatherUnits{}}\endL\
4539 #5
4540 \end{minipage}
4541 }{%else
4542 \ClassError{xepersian-magazine}{%
4543 \protect\weatheritem\space in a wrong place.\MessageBreak
4544 \protect\weatheritem\space may only appear inside weatherblock environment.
4545 }{%
4546 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4547 weatherblock environment may only appear inside frontpage environment.
4548 }%
4549 }
4550 }
4551 \newenvironment{weatherblock}[1]
4552 {
4553 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4554 \setboolean{xepersian@insideweather}{true}
4555 \begin{textblock}{32}(2,38)

```



```

4556 \vspace*{-15pt}
4557
4558 \xepersian@weather{\beginR#1\endR}
4559
4560 \vspace*{5pt}
4561
4562 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4563 \begin{minipage}{32\TPHorizModule}
4564 \hspace{5pt}
4565
4566 }{%
4567 \ClassError{xepersian-magazine}{%
4568 weatherblock in a wrong place.\MessageBreak
4569 weatherblock may only appear inside frontpage environment.
4570 }{%
4571 weatherblock may only appear inside frontpage environment.
4572 }
4573 }
4574 }%
4575 {
4576 \end{minipage}
4577 \end{xepersian@fmpage}
4578 \end{textblock}
4579 \setboolean{xepersian@insideweather}{false}
4580 }
4581 \newenvironment{authorblock}[0]
4582 {
4583 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4584 \begin{textblock}{15}(36,35)
4585 \setlength{\fboxsep}{5pt}
4586 \begin{xepersian@fmpage}{13\TPHorizModule}
4587 \begin{minipage}{13\TPHorizModule}
4588 \centering
4589 \minilogo
4590
4591 }{%else
4592 \ClassError{xepersian-magazine}{%
4593 authorblock in a wrong place.\MessageBreak
4594 authorblock may only appear inside frontpage environment.
4595 }{%
4596 authorblock may only appear inside frontpage environment.
4597 }
4598 }
4599 }
4600 {
4601 \end{minipage}
4602 \end{xepersian@fmpage}
4603 \end{textblock}
4604 }
4605 \newenvironment{indexblock}[1]

```



```

4606 {
4607 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4608 \setboolean{xepersian@insideindex}{true}%let's in
4609 \begin{textblock}{15}(36,16)
4610 \setlength{xepersian@indexwidth}{13\TPHorizModule}
4611 \xepersian@indexFrameTitle{#1}
4612
4613 \setlength{fboxsep}{5pt} %espacio entre el frame y la imagen
4614 \begin{xepersian@fmpage}{xepersian@indexwidth}
4615 \begin{minipage}{xepersian@indexwidth}
4616 \vspace*{10pt}
4617 }{%else
4618 \ClassError{xepersian-magazine}{%
4619 indexblock in a wrong place.\MessageBreak
4620 indexblock may only appear inside frontpage environment.
4621 }{%
4622 indexblock may only appear inside frontpage environment.
4623 }
4624 }
4625 }%
4626 {
4627 \end{minipage}
4628 \end{xepersian@fmpage}
4629 \end{textblock}
4630 \setboolean{xepersian@insideindex}{false}%let's out
4631 }
4632 \newcommand{\indexitem}[2]
4633 {
4634 \ifthenelse{\boolean{xepersian@insideindex}}{
4635 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4636
4637 \vspace{0.5cm}
4638
4639 \noindent\ignorespaces\indexEntrySeparator{}
4640 }{%else
4641 \ClassError{xepersian-magazine}{%
4642 \protect\indexitem\space in a wrong place.\MessageBreak
4643 \protect\indexitem\space may only appear inside indexblock environment.
4644 }{%
4645 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
4646 indexblock environment may only appear inside frontpage environment.
4647 }%
4648 }
4649 }
4650 \newcommand{\xepersian@inexpandedtitle}[1]{
4651 \begin{minipage}{.95\textwidth}
4652 \begin{center}
4653 \noindent\Large\textbf{\beginR#1\endR}
4654 \end{center}
4655 \end{minipage}

```



```

4656 }
4657 \newcommand{\expandedtitle}[2]{
4658 \end{multicols}
4659
4660 \begin{center}
4661 \setlength{\fboxsep}{5pt}
4662 \setlength{\shadowsize}{2pt}
4663 \ifthenelse{\equal{#1}{shadowbox}}{%
4664 \shadowbox{%
4665 \xepersian@inexpandedtitle{#2}%
4666 }%
4667 }{}
4668 \ifthenelse{\equal{#1}{doublebox}}{%
4669 \doublebox{%
4670 \xepersian@inexpandedtitle{#2}%
4671 }%
4672 }{}
4673 \ifthenelse{\equal{#1}{ovalbox}}{%
4674 \ovalbox{%
4675 \xepersian@inexpandedtitle{#2}%
4676 }%
4677 }{}
4678 \ifthenelse{\equal{#1}{ovalbox}}{%
4679 \ovalbox{%
4680 \xepersian@inexpandedtitle{#2}%
4681 }%
4682 }{}
4683 \ifthenelse{\equal{#1}{lines}}{
4684 \hrule
4685 \vspace*{8pt}
4686 \begin{center}
4687 \noindent\Large\textbf{#2}
4688 \end{center}
4689 \vspace*{8pt}
4690 \hrule
4691 }{}
4692 \end{center}
4693
4694 \begin{multicols}{\xepersian@ncolumns}
4695 \ifnum \xepersian@ncolumns > \minraggedcols
4696 \raggedFormat
4697 \fi
4698 }
4699 \newcommand{\xepersian@incolumntitle}[2]{
4700 \begin{minipage}{#1}
4701 \begin{center}
4702 \noindent\normalsize\textbf{#2}
4703 \end{center}
4704 \end{minipage}
4705 }

```



```

4706
4707 \newcommand{\columnntitle}[2]{
4708 \vspace*{5pt}
4709 \begin{center}
4710 \setlength{\fboxsep}{5pt}
4711 \setlength{\shadowsize}{2pt}
4712 \addtolength{\xepersian@coltitsize}{\columnwidth}
4713 \addtolength{\xepersian@coltitsize}{-1\columnsep}
4714 \addtolength{\xepersian@coltitsize}{-5pt}
4715 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
4716 \ifthenelse{\equal{#1}{shadowbox}}{%
4717 \shadowbox{%
4718 \xepersian@incolumnntitle{\xepersian@coltitsize}{#2}%
4719 }%
4720 }{}
4721 \ifthenelse{\equal{#1}{doublebox}}{%
4722 \doublebox{%
4723 \xepersian@incolumnntitle{\xepersian@coltitsize}{#2}%
4724 }%
4725 }{}
4726 \ifthenelse{\equal{#1}{ovalbox}}{%
4727 \ovalbox{%
4728 \xepersian@incolumnntitle{\xepersian@coltitsize}{#2}%
4729 }%
4730 }{}
4731 \ifthenelse{\equal{#1}{ovalbox}}{%
4732 \ovalbox{%
4733 \xepersian@incolumnntitle{\xepersian@coltitsize}{#2}%
4734 }%
4735 }{}
4736 \ifthenelse{\equal{#1}{lines}}{
4737 \hrule
4738 \vspace*{5pt}
4739 \begin{center}
4740 \noindent\normalsize\textbf{#2}
4741 \end{center}
4742 \vspace*{5pt}
4743 \hrule
4744 }{}
4745 \end{center}
4746 }
4747 \renewcommand{\date}{%
4748 \longdate{\today}%
4749 }
4750 \newcommand{\authorandplace}[2]{%
4751 \rightline{%
4752 {\innerAuthorFormat #1},\space{\innerPlaceFormat #2}%
4753 }%
4754 \par %
4755 }

```



```

4756 \newcommand{\newsection}[1]{
4757 \renewcommand{\xepersian@section}{#1}
4758 }
4759 \newenvironment{article}[5]
4760 {
4761 \xepersian@say{Adding a new piece of article}
4762 \renewcommand{\xepersian@ncolumns}{#1}
4763 \begin{multicols}{#1}[
4764 \xepersian@pages{#4}
4765 \xepersian@innerTitle{#2}%
4766 \xepersian@innerSubtitle{#3}%
4767 ] [4cm]%
4768 \label{#5}
4769 \ifnum #1 > \minraggedcols
4770 \raggedFormat
4771 \fi
4772 }
4773 {\sim\innerTextFinalMark{}
4774 \end{multicols}
4775 }
4776 \newcommand{\articlesep}{%
4777 \setlength{\xepersian@pageneed}{16000pt}
4778 \setlength\xepersian@pageleft{\pagegoal}
4779 \addtolength\xepersian@pageleft{-\pagetotal}
4780
4781 \xepersian@say{How much left \the\xepersian@pageleft}
4782
4783 \ifdim \xepersian@pageneed < \xepersian@pageleft
4784 \xepersian@say{Not enough space}
4785 \else
4786 \xepersian@say{Adding sep line between articles}
4787 \vspace*{10pt plus 10pt minus 5pt}
4788 \hrule
4789 \vspace*{10pt plus 5pt minus 5pt}
4790 \fi
4791
4792 }
4793 \newcommand{\xepersian@editorialTit}[2]{
4794 \setlength{\arrayrulewidth}{.1pt}
4795 \begin{center}
4796 \begin{tabular}{c}
4797 \noindent
4798 \xepersian@editorialTitle{#1}
4799 \vspace{2pt plus 1pt minus 1pt}
4800 \\
4801 \hline
4802 \vspace{2pt plus 1pt minus 1pt}
4803 \\
4804 \editorialAuthorFormat{#2}
4805 \end{tabular}

```



```

4806 \end{center}
4807 }
4808 \newenvironment{editorial}[4]
4809 {
4810 \xepersian@say{Adding a new editorial}
4811 \begin{multicols}{#1}[%
4812 \xepersian@editorialTit{#2}{#3}%
4813 ] [4cm]
4814 \label{#4}
4815 \ifnum #1 > \minraggedcols
4816 \raggedFormat
4817 \fi
4818 }
4819 {
4820 \end{multicols}
4821 }
4822 \newcommand{\xepersian@shortarticleTit}[2]{
4823 \begin{center}
4824 \vbox{%
4825 \noindent
4826 \xepersian@shortarticleTitle{#1}
4827 \vspace{4pt plus 2pt minus 2pt}
4828 \hrule
4829 \vspace{4pt plus 2pt minus 2pt}
4830 \xepersian@shortarticleSubtitle{#2}
4831 }
4832 \end{center}
4833 }
4834 \newenvironment{shortarticle}[4]
4835 {
4836 \xepersian@say{Adding a short article block}
4837 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}] [4cm] %
4838 \label{#4}
4839 \par %
4840 \ifnum #1 > \minraggedcols
4841 \raggedFormat
4842 \fi
4843 }
4844 {
4845 \end{multicols}
4846 }
4847 \newcommand{\shortarticleitem}[2]{
4848 \goodbreak
4849 \vspace{5pt plus 3pt minus 3pt}
4850 {\vbox{\noindent\xepersian@shortarticleItemTitle{#1}}}
4851 \vspace{5pt plus 3pt minus 3pt}
4852 {\noindent #2}\\
4853 }

```



## 58 File xepersian-mathsdigitspec.sty

```

4854 \NeedsTeXFormat{LaTeX2e}
4855 \ProvidesPackage{xepersian-mathsdigitspec}
4856 [2018/01/01 v1.1.5 Unicode Persian maths digits in XeLaTeX]
4857 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
4858 \let\newfam\new@mathgroup
4859 \def\select@group#1#2#3#4{%
4860   \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
4861   {%
4862     \ifmmode
4863       \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
4864         \begingroup
4865           \escapechar\m@ne
4866           \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
4867           \globaldefs\@ne \math@fonts
4868         \endgroup
4869         \init@restore@version
4870         \xdef#1{\noexpand\use@mathgroup\noexpand#2%
4871           {\number\csname c@mv@\math@version\endcsname}}%
4872         \global\advance\csname c@mv@\math@version\endcsname\@ne
4873       \else
4874         \let#1\relax
4875         \@latex@error{Too many math alphabets used in
4876           version \math@version}%
4877         \@eha
4878       \fi
4879     \else \expandafter\non@alpherr\fi
4880     #1{#4}%
4881   }%
4882 }
4883 \def\document@select@group#1#2#3#4{%
4884   \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
4885   {%
4886     \ifmmode
4887       \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
4888         \begingroup
4889           \escapechar\m@ne
4890           \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
4891           \globaldefs\@ne \math@fonts
4892         \endgroup
4893         \expandafter\extract@alph@from@version
4894           \csname mv@\math@version\expandafter\endcsname
4895           \expandafter{\number\csname
4896             c@mv@\math@version\endcsname}%
4897           #1%
4898         \global\advance\csname c@mv@\math@version\endcsname\@ne
4899       \else
4900         \let#1\relax
4901         \@latex@error{Too many math alphabets used

```





```

4902             in version \math@version}%
4903         \@eha
4904     \fi
4905 \else \expandafter\non@alpherr\fi
4906 #1{#4}%
4907 }%
4908 }
4909 \ExplSyntaxOn
4910 \bool_set_false:N \g__fontspec_math_bool
4911 \tl_map_inline:nn
4912 {
4913   \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
4914   \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
4915   \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
4916   \version@list\version@elt\alpha@list\alpha@elt
4917   \restore@mathversion\init@restore@version\dorestore@version\process@table
4918   \new@mathversion\DeclareSymbolFont\group@list\group@elt
4919   \new@symbolfont\SetSymbolFont\SetSymbolFont@get@cdp
4920   \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
4921   \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
4922   \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
4923   \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
4924   \set@mathdelimiter\DeclareMathRadical\mathchar@type
4925   \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
4926 }
4927 {
4928   \tl_remove_once:Nn \@preamblecmds {\do#1}
4929 }
4930 \ExplSyntaxOff
4931 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitsspec}{#1}}
4932 \newcommand\SetMathCode[4]{%
4933   \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
4934 \newcommand\SetMathCharDef[4]{%
4935   \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
4936 \ExplSyntaxOn
4937 \cs_new_eq:NN \orig_mathbf:n \mathbf
4938 \cs_new_eq:NN \orig_mathit:n \mathit
4939 \cs_new_eq:NN \orig_mathrm:n \mathrm
4940 \cs_new_eq:NN \orig_mathsf:n \mathsf
4941 \cs_new_eq:NN \orig_mathtt:n \mathtt
4942 \NewDocumentCommand \new@mathbf { m } {
4943   \orig_mathbf:n {
4944     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4945       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
4946     }
4947     #1
4948   }
4949 }
4950 \NewDocumentCommand \new@mathit { m } {
4951   \orig_mathit:n {

```



```

4952 \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4953   \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
4954 }
4955 #1
4956 }
4957 }
4958 \NewDocumentCommand \new@mathrm { m } {
4959 \orig_mathrm:n {
4960   \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4961     \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
4962   }
4963   #1
4964 }
4965 }
4966 \NewDocumentCommand \new@mathsf { m } {
4967 \orig_mathsf:n {
4968   \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4969     \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
4970   }
4971   #1
4972 }
4973 }
4974 \NewDocumentCommand \new@mathtt { m } {
4975 \orig_mathtt:n {
4976   \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4977     \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
4978   }
4979   #1
4980 }
4981 }
4982
4983 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
4984 {
4985   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
4986 }
4987 \cs_new:Nn \__xepersian_main_setmathdigitfont:nn
4988 {
4989   \let\glb@currsize\relax
4990   \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Mapping=parsidigits,#1} {#2}
4991   \__xepersian_setmathdigitfont_hook:nn {#1} {#2}
4992   \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
4993   \DeclareSymbolFont{OPERATORS} {\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
4994   \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
4995   \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
4996   \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
4997   \def\persianmathsdigits{%
4998     \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
4999     \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5000     \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5001     \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}

```



```

5002 \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5003 \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5004 \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5005 \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5006 \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5007 \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5008 \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5009 \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5010 \tl_set_eq:NN \mathbf \new@mathbf
5011 \tl_set_eq:NN \mathit \new@mathit
5012 \tl_set_eq:NN \mathrm \new@mathrm}
5013 }
5014
5015 \cs_set_eq:NN \__xepersian_setmathsdigitfont_hook:nn \use_none:nn
5016
5017 \DeclareDocumentCommand \setmathsfdigitfont { O{} m O{} }
5018 {
5019   \__xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5020 }
5021 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5022 {
5023   \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5024   \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5025   \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsf
5026     \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5027 }
5028
5029 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5030
5031 \DeclareDocumentCommand \setmathttdigitfont { O{} m O{} }
5032 {
5033   \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5034 }
5035 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5036 {
5037   \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5038   \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5039   \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5040     \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5041 }
5042
5043 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5044
5045 \ExplSyntaxOff
5046 \ifx\newcommand\undefined\else
5047   \newcommand{\ZifferAn}{}
5048 \fi
5049 \mathchardef\ziffer@DotOri="013A
5050 {\ZifferAn
5051 \catcode`\.=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}

```



```

5052 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5053 \def\ziffer@check#1#2{%
5054   \ifx\n1\endgroup#1\else
5055     \ifx\n2\endgroup#1\else
5056       \ifx\n3\endgroup#1\else
5057         \ifx\n4\endgroup#1\else
5058           \ifx\n5\endgroup#1\else
5059             \ifx\n6\endgroup#1\else
5060               \ifx\n7\endgroup#1\else
5061                 \ifx\n8\endgroup#1\else
5062                   \ifx\n9\endgroup#1\else
5063                     \ifx\n0\endgroup#1\else
5064                       \ifx\n\overline\endgroup#1\else
5065                         \endgroup#2%
5066                       \fi
5067                     \fi
5068                   \fi
5069                 \fi
5070               \fi
5071             \fi
5072           \fi
5073         \fi
5074       \fi
5075     \fi
5076   \fi}
5077 \mathcode\`.="8000\relax
5078 \def\ZifferLeer{\ifx\decimalseparator\undefined.\else\decimalseparator\fi}
5079 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5080 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5081 \def\DefaultMathsDigits{%
5082   \DefaultInlineMathsDigits%
5083   \DefaultDisplayMathsDigits%
5084 }
5085 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5086   \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5087   \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5088   \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5089 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5090   \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5091   \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5092   \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5093 \def\PersianMathsDigits{%
5094   \PersianInlineMathsDigits%
5095   \PersianDisplayMathsDigits%
5096 }
5097 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5098   \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5099   \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5100   \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5101 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%

```



```

5102 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5103 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5104 \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5105 \def\AutoMathsDigits{%
5106   \AutoInlineMathsDigits%
5107   \AutoDisplayMathsDigits%
5108 }
5109 \AutoMathsDigits
5110 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5111   \let\SetDisplayMathsDigits\relax%
5112 }
5113 \everydisplay\expandafter{%
5114   \the\everydisplay\SetDisplayMathsDigits%
5115   \let\SetInlineMathsDigits\relax%
5116 }

```

## 59 File xepersian-multiplechoice.sty

```

5117 \NeedsTeXFormat{LaTeX2e}
5118 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5119           Multiple Choice Questionnaire class for Persian in XeLaTeX]
5120 \RequirePackage{pifont}
5121 \RequirePackage{fullpage}
5122 \RequirePackage{ifthen}
5123 \RequirePackage{calc}
5124 \RequirePackage{verbatim}
5125 \RequirePackage{tabularx}
5126 \def\@headerfont{\bfseries}
5127 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5128 \def\@X{X}
5129 \newcommand\X[1]{\gdef\@X{#1}}
5130 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5131 \newcolumnntype{D}{>{\pbs\centering}X}
5132 \newcolumnntype{Q}{>{\@headerfont}X}
5133
5134 \renewcommand\tabularxcolumn[1]{m{#1}}
5135 \newcommand\makeform@nocorrection{%
5136   \addtocontents{frm}{\protect\end{tabularx}}
5137   \@starttoc{frm}}
5138 \newcommand\makeform@correction{%
5139   \addtocontents{frm}{\protect\end{tabularx}}}
5140 \newcommand\makemask@nocorrection{%
5141   \addtocontents{msk}{\protect\end{tabularx}}
5142   \@starttoc{msk}}
5143 \newcommand\makemask@correction{%
5144   \addtocontents{msk}{\protect\end{tabularx}}}
5145 \newlength\questionspace
5146 \setlength\questionspace{0pt}
5147 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5148 \def\@answerstitlefont{\bfseries}

```



```

5149 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5150 \def\@answernumberfont{\bfseries}
5151 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5152 \newcounter{question}\stepcounter{question}
5153 \newcounter{choice}
5154 \def\@initorcheck{%
5155   \xdef\@choices{\the@choice}%
5156   \setcounter{choice}{1}%
5157   \gdef\@arraydesc{|Q||}%
5158   \gdef\@headerline{}%
5159   \whiledo{\not{\value{choice}>\@choices}}{
5160     \xdef\@arraydesc{\@arraydesc D|}
5161     \def\@appendheader{\g@addto@macro\@headerline}
5162     \@appendheader{&\protect\@headerfont}
5163     \edef\@the@choice{\alph{choice}}
5164     \expandafter\@appendheader\@the@choice
5165     \stepcounter{choice}}%
5166   \addtocontents{frm}{%
5167     \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5168     \protect\hline
5169     \@headerline\protect\\ \protect\hline\protect\hline}%
5170   \addtocontents{msk}{%
5171     \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5172     \protect\hline
5173     \@headerline\protect\\ \protect\hline\protect\hline}%
5174   \gdef\@initorcheck{%
5175     \ifthenelse{\value{choice} = \@choices}{}%
5176     \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5177       (\the@choice\space instead of \@choices)}{%
5178       Questions must all have the same number of proposed answers.%
5179       \MessageBreak
5180       Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}
5181 \newenvironment{question}[1]{%
5182   %% \begin{question}
5183   \begin{minipage}{\textwidth}
5184     \xdef\@formanswerline{\@questionheader}%
5185     \xdef\@maskanswerline{\@questionheader}%
5186     \fbox{\parbox[c]{\linewidth}{#1}}
5187     \vspace\questionspace\par
5188     {\@answerstitlefont\@answerstitle}
5189     \begin{list}{\@answernumberfont\alph{choice}}~{\usecounter{choice}}}%
5190   %% \end{question}
5191   \end{list}
5192   \@initorcheck%
5193   \addtocontents{frm}{\@formanswerline\protect\\ \protect\hline}%
5194   \addtocontents{msk}{\@maskanswerline\protect\\ \protect\hline}%
5195   \end{minipage}
5196   \stepcounter{question}}
5197 \def\@truesymbol{\ding{52}~}
5198 \def\@falsesymbol{\ding{56}~}

```



```

5199 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5200 \newcommand\falsestymbol[1]{\gdef\@falsestymbol{#1}}
5201 \def\@true@nocorrection{\item}
5202 \def\@false@nocorrection{\item}
5203 \def\@true@correction{\item[\@truesymbol\refstepcounter{@choice}]}
5204 \def\@false@correction{\item[\@falsestymbol\refstepcounter{@choice}]}
5205 \newcommand\true{%
5206   \xdef\@formanswerline{\@formanswerline&}%
5207   \xdef\@maskanswerline{\@maskanswerline&\X}%
5208   \@true}%
5209 \newcommand\false{%
5210   \xdef\@formanswerline{\@formanswerline&}%
5211   \xdef\@maskanswerline{\@maskanswerline&}%
5212   \@false}%
5213 \def\@correctionstyle{\itshape}
5214 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5215 \newenvironment{correction}{\@correctionstyle}{\@correctionstyle}{}
5216 \def\@questionheader{\thequestion}
5217 \answerstitle{
5218 \DeclareOption{nocorrection}{%
5219   \let\@true\@true@nocorrection
5220   \let\@false\@false@nocorrection
5221   \let\correction\comment
5222   \let\endcorrection\endcomment
5223   \def\makeform{\makeform@nocorrection}
5224   \def\makemask{\makemask@nocorrection}}
5225 \DeclareOption{correction}{%
5226   \let\@true\@true@correction
5227   \let\@false\@false@correction
5228   \let\correction\@correction
5229   \let\endcorrection\end@correction
5230   \def\makeform{\makeform@correction}
5231   \def\makemask{\makemask@correction}}
5232 \ExecuteOptions{nocorrection}
5233 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5234 \def\@questiontitlefont{\bfseries}
5235 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}
5236 \newlength\questiontitlespace
5237 \setlength\questiontitlespace{5pt}
5238 \newlength\questionsepspace
5239 \setlength\questionsepspace{20pt}
5240 \gdef\@questionsepspace{0pt}
5241 \let\old@question\question
5242 \let\old@endquestion\endquestion
5243 \renewenvironment{question}[1]{%
5244   %% \begin{question}
5245   \vspace\@questionsepspace
5246   \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5247   \nopagebreak\vspace\questiontitlespace\par
5248   \old@question{#1}}{%

```



```

5249 %% \end{question}
5250 \old@endquestion
5251 \gdef\@questionsepspace{\questionsepspace}}
5252 \questiontitle{ \thequestion:}
5253 \ProcessOptions

```

## 60 File xepersian-persiancal.sty

```

5254 \NeedsTeXFormat{LaTeX2e}
5255 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5256
5257 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5258 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5259 \newcount\XePersian@latini \newcount\XePersian@persiani
5260 \newcount\XePersian@latinii \newcount\XePersian@persianii
5261 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5262 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5263 \newcount\XePersian@latinv \newcount\XePersian@persianv
5264 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5265 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5266 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5267 \newcount\XePersian@latinix \newcount\XePersian@persianix
5268 \newcount\XePersian@latinx \newcount\XePersian@persianx
5269 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5270 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5271 \newcount\XePersian@persianxiii
5272
5273 \newcount\XePersian@temp
5274 \newcount\XePersian@temptwo
5275 \newcount\XePersian@tempthree
5276 \newcount\XePersian@yModHundred
5277 \newcount\XePersian@thirtytwo
5278 \newcount\XePersian@dn
5279 \newcount\XePersian@sn
5280 \newcount\XePersian@mminusone
5281
5282
5283 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5284 \XePersian@temp=\XePersian@y
5285 \divide\XePersian@temp by 100\relax
5286 \multiply\XePersian@temp by 100\relax
5287 \XePersian@yModHundred=\XePersian@y
5288 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5289 \ifodd\XePersian@yModHundred
5290 \XePersian@leapfalse
5291 \else
5292 \XePersian@temp=\XePersian@yModHundred
5293 \divide\XePersian@temp by 2\relax
5294 \ifodd\XePersian@temp\XePersian@leapfalse
5295 \else

```





```

5296 \ifnum\XePersian@yModHundred=0%
5297 \XePersian@temp=\XePersian@y
5298 \divide\XePersian@temp by 400\relax
5299 \multiply\XePersian@temp by 400\relax
5300 \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5301 \else\XePersian@leaptrue
5302 \fi
5303 \fi
5304 \fi
5305 \XePersian@latini=31\relax
5306 \ifXePersian@leap
5307 \XePersian@latinii = 29\relax
5308 \else
5309 \XePersian@latinii = 28\relax
5310 \fi
5311 \XePersian@latiniii = 31\relax
5312 \XePersian@latiniv = 30\relax
5313 \XePersian@latin v = 31\relax
5314 \XePersian@latinvi = 30\relax
5315 \XePersian@latinvii = 31\relax
5316 \XePersian@latinviii = 31\relax
5317 \XePersian@latinix = 30\relax
5318 \XePersian@latinx = 31\relax
5319 \XePersian@latinxi = 30\relax
5320 \XePersian@latinxii = 31\relax
5321 \XePersian@thirtytwo=32\relax
5322 \XePersian@temp=\XePersian@y
5323 \advance\XePersian@temp by -17\relax
5324 \XePersian@temptwo=\XePersian@temp
5325 \divide\XePersian@temptwo by 33\relax
5326 \multiply\XePersian@temptwo by 33\relax
5327 \advance\XePersian@temp by -\XePersian@temptwo
5328 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalse
5329 \else
5330 \XePersian@temptwo=\XePersian@temp
5331 \divide\XePersian@temptwo by 4\relax
5332 \multiply\XePersian@temptwo by 4\relax
5333 \advance\XePersian@temp by -\XePersian@temptwo
5334 \ifnum\XePersian@temp=z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5335 \fi
5336 \XePersian@tempthree=\XePersian@y % Number of Leap years
5337 \advance\XePersian@tempthree by -1
5338 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5339 \divide\XePersian@temp by 4\relax
5340 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5341 \divide\XePersian@temptwo by 100\relax
5342 \advance\XePersian@temp by -\XePersian@temptwo
5343 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5344 \divide\XePersian@temptwo by 400\relax
5345 \advance\XePersian@temp by \XePersian@temptwo

```



```

5346 \advance\XePersian@tempthree by -611          % Number of Kabise years
5347 \XePersian@temptwo=\XePersian@tempthree      % T := T - ((SY+10) div 33) * 8
5348 \divide\XePersian@temptwo by 33\relax
5349 \multiply\XePersian@temptwo by 8\relax
5350 \advance\XePersian@temp by -\XePersian@temptwo
5351 \XePersian@temptwo=\XePersian@tempthree        %
5352 \divide\XePersian@temptwo by 33\relax
5353 \multiply\XePersian@temptwo by 33\relax
5354 \advance\XePersian@tempthree by -\XePersian@temptwo
5355 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T
5356 \divide\XePersian@tempthree by 4\relax        % T := T - ((SY+10) mod 33) div 4
5357 \advance\XePersian@temp by -\XePersian@tempthree
5358 \advance\XePersian@temp by -137                % T := T - 137 Adjust the value
5359 \XePersian@persiani=31
5360 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5361 \XePersian@persianii = 30\relax
5362 \ifXePersian@kabiseh
5363   \XePersian@persianiii = 30\relax
5364 \else
5365   \XePersian@persianiii = 29\relax
5366 \fi
5367 \XePersian@persianiv = 31\relax
5368 \XePersian@persianv = 31\relax
5369 \XePersian@persianvi = 31\relax
5370 \XePersian@persianvii = 31\relax
5371 \XePersian@persianviii= 31\relax
5372 \XePersian@persianix = 31\relax
5373 \XePersian@persianx = 30\relax
5374 \XePersian@persianxi = 30\relax
5375 \XePersian@persianxii = 30\relax
5376 \XePersian@persianxiii= 30\relax
5377 \XePersian@dn= 0\relax
5378 \XePersian@sn= 0\relax
5379 \XePersian@mminusone=\XePersian@m
5380 \advance\XePersian@mminusone by -1\relax
5381 \XePersian@i=0\relax
5382 \ifnum\XePersian@i < \XePersian@mminusone
5383 \loop
5384 \advance \XePersian@i by 1\relax
5385 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5386 \ifnum\XePersian@i<\XePersian@mminusone \repeat
5387 \fi
5388 \advance \XePersian@dn by \XePersian@d
5389 \XePersian@i=1\relax
5390 \XePersian@sn = \XePersian@persiani
5391 \ifnum \XePersian@sn<\XePersian@dn
5392 \loop
5393 \advance \XePersian@i by 1\relax
5394 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5395 \ifnum \XePersian@sn<\XePersian@dn \repeat

```



```

5396 \fi
5397 \ifnum \XePersian@i < 4
5398   \XePersian@m = 9 \advance \XePersian@m by \XePersian@i
5399   \advance \XePersian@y by -622\relax
5400 \else
5401   \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5402   \advance \XePersian@y by -621\relax
5403 \fi
5404 \advance \XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i%
5405 \endcsname
5406 \ifnum \XePersian@i = 1
5407   \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance \XePersian@d by -\XePersian@
5408 \else
5409   \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5410 \fi
5411 \newcommand*{\persiantoday}{%
5412 \number \XePersian@d\space%
5413 \XePersian@persian@month{\XePersian@m}\space \number \XePersian@y%
5414 }
5415 \let \persianyear \XePersian@y
5416 \let \persianmonth \XePersian@m
5417 \let \persianday \XePersian@d
5418 \def \XePersian@persian@month#1{\ifcase#1\or \or\
5419 \or\
5420 \or\
5421 \or\
5422 \or\
5423 \or\
5424 \or\
5425 \fi\

```



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