



The XePersian Package

Source documentation for version 21.5

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

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

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

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If you have a problem using *My PayPal.Me*, then please email me at persian-tex@tug.org.

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

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

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

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

<https://lists.sourceforge.net/lists/listinfo/persian-tex-dist-discuss>

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The XePersian *Package*

Persian for L^AT_EX 2_ε, using XeT_EX engine

Source documentation for [version 21.5](#)

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September 29, 2018

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1 File algorithmic-xepersian.def

```

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

```

2 File algorithm-xepersian.def

```

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

```

3 File amsart-xepersian.def

```

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

```



4 File amsbook-xepersian.def

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

5 File appendix-xepersian.def

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

6 File article-xepersian.def

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

7 File artikel1-xepersian.def

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

8 File artikel2-xepersian.def



```

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

```

9 File artikel3-xepersian.def

```

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

```

10 File backref-xepersian.def

```

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

```

11 File bidentuftsidenote-xepersian.def

```

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

```



12 File bidimoderncv-xepersian.def

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

13 File boek3-xepersian.def

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

14 File boek-xepersian.def

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

15 File bookest-xepersian.def

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

16 File book-xepersian.def

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



```

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

```

17 File breqn-xepersian.def

```

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

```



174 }

18 File latex-localise-commands-xepersian.def

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




```

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

```



```

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

```



```

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

```



```

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

```



```

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

```



```

471 \eqcommand{      }{headheight}
472 \eqcommand{      }{headsep}
473 \eqcommand{      }{headtoname}
474 \eqcommand{ }{heartsuit}
475 \eqcommand{ }{height}
476 \eqcommand{ }{hfil}
477 \eqcommand{ }{hfill}
478 \eqcommand{ }{hfilneg}
479 \eqcommand{ }{hfuzz}
480 \eqcommand{ }{hideskip}
481 \eqcommand{ }{hidewidth}
482 \bidi@csletcs{ }{hline}% this is an exception
483 \eqcommand{ }{hoffset}
484 \eqcommand{ }{holdinginserts}
485 \eqcommand{ }{hrboxsep}
486 \eqcommand{ }{hrule}
487 \eqcommand{ }{hrulefill}
488 \eqcommand{ }{hsize}
489 \eqcommand{ }{hskip}
490 \eqcommand{ }{hspace}
491 \eqcommand{ }{hss}
492 \eqcommand{ }{ht}
493 \eqcommand{ }{huge}
494 \eqcommand{ }{Huge}
495 \eqcommand{ }{hyperlink}
496 \eqcommand{ }{hypersetup}
497 \eqcommand{ }{hypertarget}
498 \eqcommand{ }{hyphenation}
499 \eqcommand{ }{hyphenchar}
500 \eqcommand{ }{hyphenpenalty}
501 \eqcommand{@ }{@ifclassloaded}
502 \eqcommand{@ }{@ifdefinable}
503 \eqcommand{@ }{@ifnextchar}
504 \eqcommand{@ }{@ifpackageloaded}
505 \eqcommand{@ }{@ifstar}
506 \eqcommand{@ }{@ifundefined}
507 \eqcommand{ }{if}
508 \eqcommand{ @ }{if@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{ }{qqquad}
824 \eqcommand{@ }{@outputpagerestore}
825 \eqcommand{ }{radical}
826 \eqcommand{ }{raggedbottom}
827 \eqcommand{ }{raggedleft}
828 \eqcommand{ }{raggedright}
829 \eqcommand{ }{raise}
830 \eqcommand{ }{raisebox}
831 \eqcommand{ }{raisetag}
832 \eqcommand{ }{rangle}
833 \eqcommand{ }{rceil}
834 \eqcommand{ }{read}
835 \eqcommand{ }{ref}
836 \eqcommand{ }{reflectbox}
837 \eqcommand{ }{refname}
838 \eqcommand{ }{refstepcounter}
839 \eqcommand{ }{relax}
840 \eqcommand{ }{removelastskip}
841 \eqcommand{ }{renewcommand}
842 \eqcommand{ }{renewenvironment}
843 \eqcommand{ }{RequirePackage}
844 \eqcommand{ }{RequirePackageWithOptions}
845 \eqcommand{ }{resizebox}
846 \eqcommand{ }{reversemarginpar}
847 \eqcommand{ }{rfloor}
848 \eqcommand{ }{right}
849 \eqcommand{ }{rightmargin}
850 \eqcommand{ }{rightmark}
851 \eqcommand{ }{rightpageskip}
852 \eqcommand{ }{rightskip}
853 \eqcommand{ }{rmdefault}
854 \eqcommand{ }{rmfamily}
855 \eqcommand{ }{Roman}
856 \eqcommand{ }{roman}
857 \eqcommand{ }{romannumeral}
858 \eqcommand{ }{rotatebox}
859 \eqcommand{ }{rowcolor}
860 \eqcommand{ }{rule}
861 \eqcommand{@ }{@secondoftwo}
862 \eqcommand{@ }{@spaces}
863 \eqcommand{ }{samepage}
864 \eqcommand{ }{savebox}
865 \eqcommand{ }{sbox}
866 \eqcommand{ }{scalebox}
867 \eqcommand{ }{scdefault}
868 \eqcommand{ }{scshape}
869 \eqcommand{ }{setkeys}
870 \eqcommand{ }{scriptfont}

```



```

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

```



```

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

```



```

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

```




```

1021 \eqcommand{      }{thispagestyle}
1022 \eqcommand{ @}{thr@@}
1023 \eqcommand{ }{tilde}
1024 \eqcommand{ }{tiny}
1025 \eqcommand{ }{time}
1026 \eqcommand{ }{times}
1027 \eqcommand{ }{title}
1028 \eqcommand{ }{to}
1029 \eqcommand{ }{today}
1030 \eqcommand{ }{toks}
1031 \eqcommand{ }{toksdef}
1032 \eqcommand{ }{tolerance}
1033 \eqcommand{ }{top}
1034 \eqcommand{ }{topfigrule}
1035 \eqcommand{ }{topfraction}
1036 \eqcommand{ }{topmargin}
1037 \eqcommand{ }{topmark}
1038 \eqcommand{ }{toppageskip}
1039 \eqcommand{ }{topsep}
1040 \eqcommand{ }{topskip}
1041 \eqcommand{ }{totalheight}
1042 \eqcommand{ }{tracingall}
1043 \eqcommand{ }{tracingcommands}
1044 \eqcommand{ }{tracinglostchars}
1045 \eqcommand{ }{tracingmacros}
1046 \eqcommand{ }{tracingonline}
1047 \eqcommand{ }{tracingoutput}
1048 \eqcommand{ }{tracingpages}
1049 \eqcommand{ }{tracingparagraphs}
1050 \eqcommand{ }{tracingrestores}
1051 \eqcommand{ }{tracingstats}
1052 \eqcommand{ }{triangle}
1053 \eqcommand{ }{ttdefault}
1054 \eqcommand{ }{ttfamily}
1055 \eqcommand{ @}{tw@}
1056 \eqcommand{ }{twocolumn}
1057 \eqcommand{ }{typein}
1058 \eqcommand{ }{typeout}
1059 \eqcommand{ }{uccode}
1060 \eqcommand{ }{uchyph}
1061 \eqcommand{ }{underline}
1062 \eqcommand{ }{unhbox}
1063 \eqcommand{ }{unhcopy}
1064 \eqcommand{ }{unitlength}
1065 \eqcommand{ }{unkern}
1066 \eqcommand{ }{unpenalty}
1067 \eqcommand{ }{unskip}
1068 \eqcommand{ }{unvbox}
1069 \eqcommand{ }{unvcopy}
1070 \eqcommand{ }{updefault}

```



```

1071 \eqcommand{      }\{upshape}
1072 \eqcommand{      }\{usebox}
1073 \eqcommand{      }\{usecounter}
1074 \eqcommand{      }\{usefont}
1075 \eqcommand{      }\{usepackage}
1076 \eqcommand{@      }\{@vobeyspaces}
1077 \eqcommand{@      }\{@void}
1078 \eqcommand{      }\{vadjust}
1079 \eqcommand{      }\{valign}
1080 \eqcommand{      }\{value}
1081 \eqcommand{      }\{vbadness}
1082 \eqcommand{      }\{vbox}
1083 \eqcommand{      }\{vcenter}
1084 \eqcommand{      }\{verb}
1085 \eqcommand{      }\{vfil}
1086 \eqcommand{      }\{vfill}
1087 \eqcommand{      }\{vfilneg}
1088 \eqcommand{      }\{vfuzz}
1089 \eqcommand{      }\{visible}
1090 \eqcommand{      }\{vline}
1091 \eqcommand{      }\{voffset}
1092 \eqcommand{      }\{@ }\{voidb@x}
1093 \eqcommand{      }\{vpageref}
1094 \eqcommand{      }\{vrboxsep}
1095 \eqcommand{      }\{vref}
1096 \eqcommand{      }\{vrule}
1097 \eqcommand{      }\{vsize}
1098 \eqcommand{      }\{vskip}
1099 \eqcommand{      }\{vspace}
1100 \eqcommand{      }\{vsplit}
1101 \eqcommand{      }\{vss}
1102 \eqcommand{      }\{vtop}
1103 \eqcommand{      }\{wd}
1104 \eqcommand{      }\{whiledo}
1105 \eqcommand{      }\{widehat}
1106 \eqcommand{      }\{widetilde}
1107 \eqcommand{      }\{widowpenalty}
1108 \eqcommand{      }\{width}
1109 \eqcommand{      }\{wlog}
1110 \eqcommand{      }\{write}
1111 \eqcommand{@      }\{@xobeysp}
1112 \eqcommand{@      }\{@xxxii}
1113 \eqcommand{      }\{xdef}
1114 \eqcommand{      }\{xleaders}
1115 \eqcommand{      }\{xspaceskip}
1116 \eqcommand{      }\{year}
1117 \eqcommand{@      }\{z@}
1118 \eqcommand{@      }\{z@skip}

```



19 File color-localise-xepersian.def

```

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

```

20 File xepersian-localise-commands-xepersian.def

```

1128 \ProvidesFile{xepersian-localise-commands-xepersian.def}[2012/07/25 v0.2 Persian localisation]
1129 \eqcommand{      }{autofootnoterule}
1130 \eqcommand{      }{AutoMathsDigits}
1131 \eqcommand{      }{DefaultMathsDigits}
1132 \eqcommand{ @ }{keyval@eq@alias@key}
1133 \eqcommand{      }{deflatinfont}
1134 \eqcommand{      }{defpersianfont}
1135 \eqcommand{      }{hboxL}
1136 \eqcommand{      }{hboxR}
1137 \eqcommand{      }{Latincite}
1138 \eqcommand{      }{latinfont}
1139 \eqcommand{      }{latintoday}
1140 \eqcommand{      }{leftfootnoterule}
1141 \eqcommand{      }{lr}
1142 \eqcommand{      }{LRE}
1143 \eqcommand{      }{LTRdblcol}
1144 \eqcommand{      }{LTRfootnote}
1145 \eqcommand{      }{LTRfootnotetext}
1146 \eqcommand{      }{LTRthanks}
1147 \eqcommand{      }{persianday}
1148 \eqcommand{      }{persianfont}
1149 \eqcommand{      }{PersianMathsDigits}
1150 \eqcommand{      }{persianmonth}
1151 \eqcommand{      }{persianyear}
1152 \eqcommand{      }{plq}
1153 \eqcommand{      }{prq}
1154 \eqcommand{      }{rightfootnoterule}
1155 \eqcommand{      }{rl}
1156 \eqcommand{      }{RLE}
1157 \eqcommand{      }{RTLdblcol}
1158 \eqcommand{      }{RTLfootnote}
1159 \eqcommand{      }{RTLfootnotetext}
1160 \eqcommand{      }{RTLthanks}
1161 \eqcommand{@ }{ @SepMark}
1162 \eqcommand{      }{SepMark}
1163 \eqcommand{      }{setdefaultbibitems}

```



21 File enumerate-xepersian.def

22 File enumitem-xepersian.def

File enumitem-xepersian.def 27



```

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

```

23 File latex-localise-environments-xepersian.def

```

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

```



```

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

```

24 File xepersian-localise-environments-xepersian.def

```

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

```

25 File extarticle-xepersian.def

```

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

```

26 File extbook-xepersian.def

```

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

```

27 File extrafootnotefeatures-xepersian.def

```

1288 \ProvidesFile{extrafootnotefeatures-xepersian.def}[2012/01/01 v0.2 footnote macros for extrafo
1289 \renewcommand{\foottextfont}{\footnotesize\if@RTL@footnote\else\resetlatinfont\fi}
1290 \renewcommand{\LTRfoottextfont}{\footnotesize\resetlatinfont}
1291 \renewcommand{\RTLfoottextfont}{\footnotesize\setpersianfont}

```



28 File extreport-xepersian.def

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

29 File fancyref-xepersian.def

```
1299 \ProvidesFile{fancyref-xepersian.def}[2018/09/29 v0.1 bilingual captions for fancyref package]
1300 \renewcommand*\Frefchapname{\chaptername}
1301 \renewcommand*\Frefenumname{%
1302   \if@RTL
1303   %
1304   \else
1305     Item%
1306   \fi
1307 }
1308 \renewcommand*\Frefeqname{%
1309   \if@RTL
1310   %
1311   \else
1312     Equation%
1313   \fi
1314 }
1315 \renewcommand*\Freffigname{\figurename}
1316 \renewcommand*\Freffnname{%
1317   \if@RTL
1318   %
1319   \else
1320     Footnote%
1321   \fi
1322 }
1323 \renewcommand*\Frefonname{%
1324   \if@RTL
1325   %
1326   \else
1327     On%
1328   \fi
1329 }
1330 \renewcommand*\Frefpgname{\pagename}
1331 \renewcommand*\Frefsecname{%
1332   \if@RTL
1333   %
1334   \else
1335     Section%
1336   \fi
}
```



```

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

```




```

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

```



```

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

```

30 File footnote-xepersian.def

```

1458 \ProvidesFile{footnote-xepersian.def}[2017/08/09 v0.6 footnote macros for xepersian package]
1459
1460 \renewcommand*{\bidi@footnotetext@font}{\footnotesize\if@RTL@footnote\else\resetlatinfont\fi}
1461
1462 \renewcommand*{\bidi@LTRfootnotetext@font}{\footnotesize\resetlatinfont}
1463
1464 \renewcommand*{\bidi@RTLfootnotetext@font}{\footnotesize\setpersianfont}
1465

```

31 File framed-xepersian.def

```

1466 \ProvidesFile{framed-xepersian.def}[2012/06/05 v0.1 xepersian adaptations for framed package f
1467 \renewenvironment{titled-frame}[1]{%
1468   \def\FrameCommand{\fboxsep8pt\fboxrule2pt
1469     \TitleBarFrame{\textbf{#1}}}%
1470   \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
1471     \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
1472   \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
1473     \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1} (\if@R
1474   \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
1475     \TitleBarFrame{\textbf{#1} (\if@RTL else\ cont\fi)}}}%
1476   \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
1477 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
1478 % could interfere with the width measurement.
1479 {\endMakeFramed}

```



32 File glossaries-xepersian.def

```
1480 \ProvidesFile{glossaries-xepersian.def}[2014/09/04 v0.4 xepersian adaptations for glossaries p
1481 \glsaddprotectedpagefmt{@harfi}
1482 \glsaddprotectedpagefmt{@tartibi}
1483 \glsaddprotectedpagefmt{@adadi}
```

33 File hyperref-xepersian.def

```
1484 \ProvidesFile{hyperref-xepersian.def}[2015/02/02 v0.6 bilingual captions for hyperref package]
1485 \def\equationautorefname{\if@RTL else\ Equation\fi}%
1486 \def\footnoteautorefname{\if@RTL else\ footnote\fi}%
1487 \def\itemautorefname{\if@RTL else\ item\fi}%
1488 \def\figureautorefname{\if@RTL else\ Figure\fi}%
1489 \def\tableautorefname{\if@RTL else\ Table\fi}%
1490 \def\partautorefname{\if@RTL else\ Part\fi}%
1491 \def\appendixautorefname{\if@RTL else\ Appendix\fi}%
1492 \def\chapterautorefname{\if@RTL else\ chapter\fi}%
1493 \def\sectionautorefname{\if@RTL else\ section\fi}%
1494 \def\subsectionautorefname{\if@RTL else\ subsection\fi}%
1495 \def\subsubsectionautorefname{\if@RTL else\ subsubsection\fi}%
1496 \def\paragraphautorefname{\if@RTL else\ paragraph\fi}%
1497 \def\subparagraphautorefname{\if@RTL else\ subparagraph\fi}%
1498 \def\FancyVerbLineautorefname{\if@RTL else\ line\fi}%
1499 \def\theoremautorefname{\if@RTL else\ Theorem\fi}%
1500 \def\pageautorefname{\if@RTL else\ page\fi}%
1501 \AtBeginDocument{%
1502 \let\HyOrg@appendix\appendix
1503 \def\appendix{%
1504 \ltx@ifundefined{chapter}%
1505 {\gdef\theHsection{\Alph{section}}}%
1506 {\gdef\theHchapter{\Alph{chapter}}}%
1507 \xdef\Hy@chapapp{\Hy@appendixstring}%
1508 \HyOrg@appendix
1509 }
1510 }
1511 \pdfstringdefDisableCommands{%
1512 \let\lr\@firstofone
1513 \let\rl\@firstofone
1514 \def\XePersian{XePersian}
1515 }
1516 \ltx@ifundefined{@resets@pp}{%
1517 }{%
1518 \let\HyOrg@resets@pp\@resets@pp
1519 \def\@resets@pp{%
1520 \ltx@ifundefined{chapter}{%
1521 \gdef\theHsection{\Hy@AlphNoErr{section}}%
1522 }{%
1523 \gdef\theHchapter{\Hy@AlphNoErr{chapter}}%
1524 }%
}
```



```

1525 \xdef\Hy@chapapp{\Hy@appendixstring}%
1526 \HyOrg@resets@pp
1527 }%
1528 }

```

34 File imspdoc-xepersian.def

```

1529 \ProvidesFile{imspdoc-xepersian.def}[2017/06/09 v0.5 xepersian adaptations for imspdoc class f
1530
1531 \renewcommand \thepart {\@tartibi\c@part}
1532 \def\appendix{\par\c@section\z@ \c@subsection\z@
1533 \let\sectionname\appendixname
1534 \def\thesection{\@charfi\c@section}}
1535

```

35 File kashida-xepersian.def

```

1536 \ProvidesFile{kashida-xepersian.def}[2018/01/04 v0.6 implementation of Kashida for xepersian p
1537 \chardef\xepersian@zwj="200D % zero-width joiner
1538 \chardef\xepersian@kashidachar="0640 % kashida
1539
1540 \chardef\xepersian@D=10 % dual-joiner class
1541 \chardef\xepersian@L=11 % lam
1542 \chardef\xepersian@R=12 % right-joiner
1543 \chardef\xepersian@A=13 % alef
1544 \chardef\xepersian@H=14 % heh
1545 \chardef\xepersian@V=4096 % vowel or other combining mark (to be ignored)
1546 \newif\if@Kashida@on
1547 \newif\if@Kashida@XB@fix
1548 \def\xepersian@kashida{\if@Kashida@on\xepersian@zwj\nobreak%
1549 \leaders\hrule height \XeTeXglyphheight\tw@ \the\XeTeXcharglyph\xepersian@kashidachar dep
1550
1551 \def\setclass#1#2{\def\theclass{#1}\def\charlist{#2}%
1552 \expandafter\dosetclass\charlist,\end}
1553 \def\dosetclass#1,#2\end{%
1554 \def\test{#1}\def\charlist{#2}%
1555 \ifx\test\empty\let\next\finishsetclass
1556 \else \XeTeXcharclass "\test = \theclass
1557 \let\next\dosetclass \fi
1558 \expandafter\next\charlist,,\end}
1559 \def\finishsetclass#1,,\end{}
1560
1561 \setclass \xepersian@A {0622,0623,0625,0627}
1562 \setclass \xepersian@R {0624,0629,062F,0630,0631,0632,0648,0698}
1563 \setclass \xepersian@D {0626,0628,062A,062B,062C,062D,062E}
1564 \setclass \xepersian@D {0633,0634,0635,0636,0637,0638,0639,063A}
1565 %\setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0647,0649,064A}
1566 \setclass \xepersian@D {0640,0641,0642,0643,0645,0646,0649,064A}
1567 \setclass \xepersian@H {0647}
1568 \setclass \xepersian@D {067E,0686,06A9,06AF,06CC}

```



```

1569 \setclass \xepersian@L {0644}
1570 \setclass \xepersian@V {064B,064C,064D,064E,064F,0650,0651,0652}
1571
1572 \XeTeXinterchartoks \xepersian@D \xepersian@D = {\xepersian@kashida}
1573 \XeTeXinterchartoks \xepersian@H \xepersian@D = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1574 \XeTeXinterchartoks \xepersian@D \xepersian@H = {\xepersian@kashida}
1575 \XeTeXinterchartoks \xepersian@L \xepersian@D = {\xepersian@kashida}
1576 \XeTeXinterchartoks \xepersian@D \xepersian@L = {\xepersian@kashida}
1577 \XeTeXinterchartoks \xepersian@L \xepersian@H = {\xepersian@kashida}
1578 \XeTeXinterchartoks \xepersian@H \xepersian@L = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1579 \XeTeXinterchartoks \xepersian@L \xepersian@L = {\xepersian@kashida}
1580 \XeTeXinterchartoks \xepersian@D \xepersian@R = {\xepersian@kashida}
1581 \XeTeXinterchartoks \xepersian@H \xepersian@R = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1582 \XeTeXinterchartoks \xepersian@D \xepersian@A = {\xepersian@kashida}
1583 \XeTeXinterchartoks \xepersian@H \xepersian@A = {\if@Kashida@XB@fix\else\xepersian@kashida\fi}
1584 \XeTeXinterchartoks \xepersian@L \xepersian@R = {\xepersian@kashida}
1585 \XeTeXinterchartoks \xepersian@L \xepersian@A = {}
1586
1587 \newcommand{\KashidaOn}{\@Kashida@ontrue}
1588 \newcommand{\KashidaOff}{\@Kashida@onfalse}
1589
1590 \newcommand{\KashidaXBFixOn}{\@Kashida@XB@fixtrue}
1591 \newcommand{\KashidaXBFixOff}{\@Kashida@XB@fixfalse}
1592 \KashidaOn

```

36 File listings-xepersian.def

```

1593 \ProvidesFile{listings-xepersian.def}[2014/07/17 v0.3 bilingual captions for listings package]
1594 \def\lstlistingname{\if@RTL else\ Listing\fi}
1595 \def\lstlistlistingname{\if@RTL else\ Listings\fi}

```

37 File loadingorder-xepersian.def

```

1596 \ProvidesFile{loadingorder-xepersian.def}[2018/09/29 v0.5 making sure that xepersian is the la
1597 \bidi@isloaded{algorithmic}
1598 \bidi@isloaded{algorithm}
1599 \bidi@isloaded{backref}
1600 \bidi@isloaded{enumerate}
1601 \bidi@isloaded{enumitem}
1602 \bidi@isloaded{fancyref}
1603 \bidi@isloaded{tocloft}
1604 \bidi@isloaded{url}
1605 \bidi@isloaded{varioref}
1606 \AtBeginDocument{
1607   \if@bidi@algorithmicloaded@\else
1608     \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithmic after xe
1609     \fi%
1610     \if@bidi@algorithmloaded@\else
1611       \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package algorithm after xep
1612       \fi%

```



```

1613 \if@bidi@backrefloaded@else
1614 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package backref after xepersian}{}]
1615 \fi%
1616 \if@bidi@enumerateloaded@else
1617 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumerate after xepersian}{}]
1618 \fi%
1619 \if@bidi@enumitemloaded@else
1620 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package enumitem after xepersian}{}]
1621 \fi%
1622 \if@bidi@fancyrefloaded@else
1623 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package fancyref after xepersian}{}]
1624 \fi%
1625 \if@bidi@tocloftloaded@else
1626 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package tocloft after xepersian}{}]
1627 \fi%
1628 \if@bidi@urlloaded@else
1629 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package url after xepersian}{}]
1630 \fi%
1631 \if@bidi@variorefloaded@else
1632 \bidi@isloaded[\PackageError{xepersian}{Oops! you have loaded package varioref after xepersian}{}]
1633 \fi%
1634 }

```

38 File localise-xepersian.def

```

1635 \ProvidesFile{localise-xepersian.def}[2014/07/10 v0.2b Persian localisation of LaTeX2e]
1636 \newcommand{\makezwnjletter}{\catcode`\=11\relax}
1637 \makezwnjletter
1638 \newcommand*{\eqcommand}[2]{\if@bidi@csprimitive{#2}{\bidi@csletcs{#1}{#2}}{\bidi@csdefcs{#1}{#2}}}
1639 \newcommand*{\eqenvironment}[2]{\newenvironment{#1}{\csname#2\endcsname}{\csname end#2\endcsname}}
1640 \ifpackageloaded{keyval}{%
1641 \newcommand*{\keyval@eq@alias@key}[4][KV]{%
1642 \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1643 \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1644 }{\ifpackageloaded{xkeyval}{%
1645 \newcommand*{\keyval@eq@alias@key}[4][KV]{%
1646 \bidi@csletcs{#1@#2@#3}{#1@#2@#4}%
1647 \bidi@csletcs{#1@#2@#3@default}{#1@#2@#4@default}}%
1648 }{}}
1649 \input{latex-localise-commands-xepersian.def}
1650 \input{xepersian-localise-commands-xepersian.def}
1651 \input{latex-localise-environments-xepersian.def}
1652 \input{xepersian-localise-environments-xepersian.def}
1653 \input{latex-localise-messages-xepersian.def}
1654 \input{latex-localise-misc-xepersian.def}
1655 \input{packages-localise-xepersian.def}
1656 \aliasfontfeature{ExternalLocation}{ }
1657 \aliasfontfeature{ExternalLocation}{ }
1658 \aliasfontfeature{Renderer}{ }
1659 \aliasfontfeature{BoldFont}{ }

```



```

1660 \aliasfontfeature{Language}{ }
1661 \aliasfontfeature{Script}{ }
1662 \aliasfontfeature{UprightFont}{ }
1663 \aliasfontfeature{ItalicFont}{ }
1664 \aliasfontfeature{BoldItalicFont}{ }
1665 \aliasfontfeature{SlantedFont}{ }
1666 \aliasfontfeature{BoldSlantedFont}{ }
1667 \aliasfontfeature{SmallCapsFont}{ }
1668 \aliasfontfeature{UprightFeatures}{ }
1669 \aliasfontfeature{BoldFeatures}{ }
1670 \aliasfontfeature{ItalicFeatures}{ }
1671 \aliasfontfeature{BoldItalicFeatures}{ }
1672 \aliasfontfeature{SlantedFeatures}{ }
1673 \aliasfontfeature{BoldSlantedFeatures}{ }
1674 \aliasfontfeature{SmallCapsFeatures}{ }
1675 \aliasfontfeature{SizeFeatures}{ }
1676 \aliasfontfeature{Scale}{ }
1677 \aliasfontfeature{WordSpace}{ }
1678 \aliasfontfeature{PunctuationSpace}{ }
1679 \aliasfontfeature{FontAdjustment}{ }
1680 \aliasfontfeature{LetterSpace}{ }
1681 \aliasfontfeature{HyphenChar}{ }
1682 \aliasfontfeature{Color}{ }
1683 \aliasfontfeature{Opacity}{ }
1684 \aliasfontfeature{Mapping}{ }
1685 \aliasfontfeature{Weight}{ }
1686 \aliasfontfeature{Width}{ }
1687 \aliasfontfeature{OpticalSize}{ }
1688 \aliasfontfeature{FakeSlant}{ }
1689 \aliasfontfeature{FakeStretch}{ }
1690 \aliasfontfeature{FakeBold}{ }
1691 \aliasfontfeature{AutoFakeSlant}{ }
1692 \aliasfontfeature{AutoFakeBold}{ }
1693 \aliasfontfeature{Ligatures}{ }
1694 \aliasfontfeature{Alternate}{ }
1695 \aliasfontfeature{Variant}{ }
1696 \aliasfontfeature{Variant}{ }
1697 \aliasfontfeature{CharacterVariant}{ }
1698 \aliasfontfeature{Style}{ }
1699 \aliasfontfeature{Annotation}{ }
1700 \aliasfontfeature{RawFeature}{ }
1701 \aliasfontfeature{CharacterWidth}{ }
1702 \aliasfontfeature{Numbers}{ }
1703 \aliasfontfeature{Contextuals}{ }
1704 \aliasfontfeature{Diacritics}{ }
1705 \aliasfontfeature{Letters}{ }
1706 \aliasfontfeature{Kerning}{ }
1707 \aliasfontfeature{VerticalPosition}{ }
1708 \aliasfontfeature{Fractions}{ }
1709 \aliasfontfeatureoption{Language}{Default}{ }

```



```

1710 \aliasfontfeatureoption{Language}{Parsi}{ }
1711 \aliasfontfeatureoption{Script}{Parsi}{ }
1712 \aliasfontfeatureoption{Script}{Latin}{ }
1713 \aliasfontfeatureoption{Style}{MathScript}{ }
1714 \aliasfontfeatureoption{Style}{MathScriptScript}{ }

```

39 File memoir-xepersian.def

```

1715 \ProvidesFile{memoir-xepersian.def}[2010/07/25 v0.1 adaptations for memoir class]
1716 \renewcommand{\@memfront}{%
1717   \smemfront\pagenumbering{harfi}}
1718 \renewcommand{\setthesection}{\thechapter\@SepMark\harfi{section}}
1719 \renewcommand*{\thebook}{\@tartibi\c@book}
1720 \renewcommand*{\thepart}{\@tartibi\c@part}
1721 \renewcommand{\appendix}{\par
1722   \setcounter{chapter}{0}%
1723   \setcounter{section}{0}%
1724   \gdef\@chapapp{\appendixname}%
1725   \gdef\thechapter{\@harfi\c@chapter}%
1726   \anappendixtrue}

```

40 File latex-localise-messages-xepersian.def

```

1727 latex} \-localise-messages-xepersian.def}[2011/03/01 v0.1 localising LaTeX2e messages]

```

41 File minitoc-xepersian.def

```

1728 \ProvidesFile{minitoc-xepersian.def}[2010/07/25 v0.1 bilingual captions for minitoc package]
1729 \def\ptctitle{\if@RTL else\ Table of Contents\fi}%
1730 \def\plftitle{\if@RTL else\ List of Figures\fi}%
1731 \def\pltttitle{\if@RTL else\ List of Tables\fi}%
1732 \def\mtctitle{\if@RTL else\ Contents\fi}%
1733 \def\mlftitle{\if@RTL else\ Figures\fi}%
1734 \def\mltttitle{\if@RTL else\ Tables\fi}%
1735 \def\stctitle{\if@RTL else\ Contents\fi}%
1736 \def\slftitle{\if@RTL else\ Figures\fi}%
1737 \def\sltttitle{\if@RTL else\ Tables\fi}%

```

42 File latex-localise-misc-xepersian.def

```

1738 \ProvidesFile{latex-localise-misc-xepersian.def}[2012/01/01 v0.2 miscellaneous Persian localis
1739 %}1# \ \
1740 \ @ \ @ \ \
1741 \1# \
1742 \1# @\
1743 \1# @\
1744 {\ @ \ \
1745 %}2#1# @ \ \
1746 %1# \ @\ \ \ \
1747 \2# \ @\ \

```




```

1748 {{2#1# \}
1749 undefined\ \ \
1750
1751 %{ \ \ \ \1#} \ \} \1# \ \
1752 \ { \ \ \
1753 \ \ \
1754
1755
1756 \ \ \ \%} \#1
1757 \1#} \ \ \% \
1758 \ \ \ \
1759 }%
1760 \
1761 \ \ \
1762 }
1763 \= \ \
1764
1765
1766 \ifdefinitionfileloaded{latex-xetex-bidi}{%
1767 \def\@xfloat #1[#2]{%
1768 \@nodocument
1769 \def \@captive {#1}%
1770 \def \@fps {#2}%
1771 \@onelevel@sanitize \@fps
1772 \def \reserved@a {!}%
1773 \ifx \reserved@a \@fps
1774 \@fpsadddefault
1775 \else
1776 \ifx \@fps \empty
1777 \@fpsadddefault
1778 \fi
1779 \fi
1780 \ifhmode
1781 \@bsphack
1782 \@floatpenalty -\@Mii
1783 \else
1784 \@floatpenalty-\@Miii
1785 \fi
1786 \ifinner
1787 \@parmoderr\@floatpenalty\z@
1788 \else
1789 \@next\@currbox\@freelist
1790 {%
1791 \@tempcnta \sixt@@n
1792 \expandafter \@tfor \expandafter \reserved@a
1793 \expandafter :\expandafter =\@fps
1794 \do
1795 {%
1796 \if \reserved@a h%
1797 \ifodd \@tempcnta

```



```

1798         \else
1799             \advance \@tempcnta \@ne
1800         \fi
1801     \fi
1802     \if \reserved@a %
1803         \ifodd \@tempcnta
1804             \else
1805                 \advance \@tempcnta \@ne
1806             \fi
1807         \fi
1808         \if \reserved@a t%
1809             \@setfpsbit \tw@
1810         \fi
1811         \if \reserved@a %
1812             \@setfpsbit \tw@
1813         \fi
1814         \if \reserved@a b%
1815             \@setfpsbit 4%
1816         \fi
1817         \if \reserved@a %
1818             \@setfpsbit 4%
1819         \fi
1820         \if \reserved@a p%
1821             \@setfpsbit 8%
1822         \fi
1823         \if \reserved@a %
1824             \@setfpsbit 8%
1825         \fi
1826         \if \reserved@a !%
1827             \ifnum \@tempcnta>15
1828                 \advance\@tempcnta -\sixt@@n\relax
1829             \fi
1830         \fi
1831     }%
1832     \@tempcntb \csname ftype@\@capttype \endcsname
1833     \multiply \@tempcntb \@xxxii
1834     \advance \@tempcnta \@tempcntb
1835     \global \count\@currbox \@tempcnta
1836 }%
1837 \@fltovf
1838 \fi
1839 \global \setbox\@currbox
1840 \color@vbox
1841 \normalcolor
1842 \vbox \bgroup
1843 \hsize\columnwidth
1844 \@parboxrestore
1845 \@floatboxreset
1846 }
1847 \let\bm@ \bm@c

```



```

1848 \let\bm@ \bm@l
1849 \let\bm@ \bm@r
1850 \let\bm@ \bm@b
1851 \let\bm@ \bm@t
1852 \let\bm@ \bm@s
1853 \long\def\@iiiparbox#1#2[#3]#4#5{%
1854   \leavevmode
1855   \@pboxswfalse
1856   \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1857   \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\else\
1858   \setlength\@tempdima{#4}%
1859   \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@par}%
1860   \ifx\relax#2\else
1861     \setlength\@tempdimb{#2}%
1862     \edef\@parboxto{to\the\@tempdimb}%
1863     \fi
1864     \if#1b\vbox
1865     \else\if#1\vbox
1866     \else\if #1t\vtop
1867     \else\if vtop\ #1
1868     \else\ifmmode\vcenter
1869     \else\@pboxswtrue $\vcenter
1870     \fi\fi\fi\fi\fi
1871     \@parboxto{\let\hss\vss\let\unhbox\unvbox
1872       \csname bm@#3\endcsname}%
1873     \if@pboxsw \m@th$\fi
1874     \@end@tempboxa}
1875 \def\@iiiminipage#1#2[#3]#4{%
1876   \leavevmode
1877   \@pboxswfalse
1878   \if@hboxRconstruct\@bidi@list@minipage@parbox@not@nobtrue\fi
1879   \ifRTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\els
1880   \setlength\@tempdima{#4}%
1881   \def\@mpargs{{#1}{#2}[#3]{#4}}%
1882   \setbox\@tempboxa\vbox\bgroup
1883     \color@begingroup
1884     \hsize\@tempdima
1885     \textwidth\hsize \columnwidth\hsize
1886     \@parboxrestore
1887     \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
1888     \let\@footnotetext\@mpfootnotetext
1889     \let\@LTRfootnotetext\@mpLTRfootnotetext
1890     \let\@RTLfootnotetext\@mpRTLfootnotetext
1891     \let\@listdepth\@mplistdepth \@mplistdepth\z@
1892     \@minipagerestore
1893     \@setminipage}
1894 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
1895   \ifnum \@lastchclass=3 5 \else
1896   \z@ \if #1c\@chnum \z@ \else
1897     \if chnum@ \ #1 \z@ \else

```



```

1898                                     \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1899                                     \if \if@RTLtab#1 \else#1 \fi\@chnum \@ne \else
1900                                     \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1901                                     \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
1902     \@chclass \if #1|\@ne \else
1903         \if #1@\tw@ \else
1904         \if #1p3 \else
1905         \if 3 #1 \else \z@ \@preamerr 0\fi
1906 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1907 \fi}%
1908 {}
1909 \@ifdefinitionfileloaded{array-xetex-bidi}{%
1910 \def\@testpach{\@chclass
1911 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1912 \ifnum \@lastchclass=7 5 \else
1913 \ifnum \@lastchclass=8 \tw@ \else
1914 \ifnum \@lastchclass=9 \thr@@
1915 \else \z@
1916 \ifnum \@lastchclass = 10 \else
1917 \edef\@nextchar{\expandafter\string\@nextchar}%
1918 \@chnum
1919 \if \@nextchar c\z@ \else
1920 \if \@nextchar @\z@ \else
1921 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1922 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1923 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
1924 \if \@nextchar \if@RTLtab else\ @fi\@tw\ \else
1925 \z@ \@chclass
1926 \if \@nextchar |\@ne \else
1927 \if \@nextchar !6 \else
1928 \if \@nextchar @7 \else
1929 \if \@nextchar <8 \else
1930 \if \@nextchar >9 \else
1931 10
1932 \@chnum
1933 \if \@nextchar m\thr@@\else
1934 \if \@nextchar thr@@\else\
1935 \if \@nextchar p4 \else
1936 \if \@nextchar 4 \else
1937 \if \@nextchar b5 \else
1938 \if \@nextchar 5 \else
1939 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi
1940 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
1941 {}
1942 \@ifdefinitionfileloaded{arydshln-xetex-bidi}{
1943 \ifadl@usingarypkg
1944 \def\@testpach{\@chclass
1945 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
1946 \ifnum \@lastchclass=7 5 \else
1947 \ifnum \@lastchclass=8 \tw@ \else

```



```

1948 \ifnum \@lastchclass=9 \thr@@
1949 \else \z@
1950 \ifnum \@lastchclass = 10 \else
1951 \edef\@nextchar{\expandafter\string\@nextchar}%
1952 \@chnum
1953 \if \@nextchar c\z@ \else
1954 \if \@nextchar @z\ \else
1955 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1956 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1957 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
1958 \if \@nextchar \if@RTLtab else\ @fi\@tw\ \else
1959 \z@ \@chclass
1960 \if\@nextchar |\@ne \let\@arrayrule\adl@arrayrule \else
1961 \if\@nextchar :|\@ne \let\@arrayrule\adl@arraydashrule \else
1962 \if\@nextchar ;|\@ne \let\@arrayrule\adl@arraydashrule \else
1963 \if \@nextchar !6 \else
1964 \if \@nextchar @7 \else
1965 \if \@nextchar <8 \else
1966 \if \@nextchar >9 \else
1967 10
1968 \@chnum
1969 \if \@nextchar m\thr@@\else
1970 \if \@nextchar thr@@\else\
1971 \if \@nextchar p4 \else
1972 \if \@nextchar 4 \else
1973 \if \@nextchar b5 \else
1974 \if \@nextchar 5 \else
1975 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1976 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
1977
1978 \def\@classz{\@classx
1979 \@tempcnta \count@
1980 \prepnext@tok
1981 \@addtopreamble{\ifcase \@chnum
1982 \hfil
1983 \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1984 \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1985 \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
1986 \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
1987 \adl@endmbox\or
1988 \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
1989 \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1990 \fi}\prepnext@tok}
1991 \def\adl@class@start{4}
1992 \def\adl@class@iiiorvii{7}
1993
1994 \else
1995 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
1996 \ifnum \@lastchclass=\thr@@ 5\relax \else
1997 \z@ \if #1c\@chnum \z@ \else

```



```

1998         \if @chnum\z@ \#1 \else
1999         \if \if@RTLtab#1r\else#1l\fi\@chnum \@one \else
2000         \if \if@RTLtab#1 \else#1 \fi\@chnum \@one \else
2001         \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
2002         \if \if@RTLtab#1 \else#1 \fi\@chnum \tw@ \else
2003         \@chclass
2004         \if #1|\@one \let\@arrayrule\adl@arrayrule \else
2005         \if #1:\@one \let\@arrayrule\adl@arraydashrule \else
2006         \if #1;\@one \let\@arrayrule\adl@argarraydashrule \else
2007         \if #1@\tw@ \else
2008         \if #1p\thr@@ \else
2009         \if @@thr@ \#1 \else\z@ \@preamerr 0\fi
2010     \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
2011
2012 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2013     \or \or \@addamp \or
2014     \@acolampacol \or \@firstampfalse \@acol \fi
2015 \edef\@preamble{\@preamble
2016     \ifcase \@chnum
2017         \hfil\adl@putlrc{\$ \relax \@sharp\$}\hfil
2018         \or \adl@putlrc{\$ \relax \@sharp\$}\hfil
2019         \or \hfil\adl@putlrc{\$ \relax \@sharp\$}\fi}}
2020 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
2021     \or \or \@addamp \or
2022     \@acolampacol \or \@firstampfalse \@acol \fi
2023 \edef\@preamble{\@preamble
2024     \ifcase \@chnum
2025         \hfil\adl@putlrc{\@sharp\unskip}\hfil
2026         \or \adl@putlrc{\@sharp\unskip}\hfil
2027         \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
2028 \def\adl@class@start{6}
2029 \def\adl@class@iiiorvii{3}
2030 \fi
2031 }{}
2032 \@ifdefinitionfileloaded{tabulary-xetex-bidi}{%
2033 \def\@testpach{\@chclass
2034     \ifnum \@lastchclass=6 \@one \@chnum \@one \else
2035     \ifnum \@lastchclass=7 5 \else
2036     \ifnum \@lastchclass=8 \tw@ \else
2037     \ifnum \@lastchclass=9 \thr@@
2038     \else \z@
2039     \ifnum \@lastchclass = 10 \else
2040     \edef\@nextchar{\expandafter\string\@nextchar}%
2041     \@chnum
2042     \if \@nextchar c\z@ \else
2043     \if \@nextchar @z@ \else
2044     \if \@nextchar \if@RTLtab r\else l\fi\@one \else
2045     \if \@nextchar \if@RTLtab else\ fi\@one \else
2046     \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
2047     \if \@nextchar \if@RTLtab else\ @fi\tw@ \else

```



[illegible]

```

2098 \catcode\]=2 \catcode \={12 \catcode \}=12
2099 \catcode\|=12 |gdef|@x@xepersian@localize@verbatim#1[[      ] |1#|{      }
2100 |gdef|@sx@xepersian@localize@verbatim#1[[*      ] |1#|{*      }
2101 |endgroup
2102 \def\      {\@verbatim \frenchspacing\@vobeyspaces \@x@xepersian@localize@verbatim}
2103 \def\end      {\if@newlist \leavevmode\fi\endtrivlist}
2104 \ExplSyntaxOn
2105 \AtBeginDocument{\@namedef{      }*{\@verbatim \fontspec_print_visible_spaces: \@sx@xepersian@
2106 \ExplSyntaxOff
2107 \expandafter\let\csname end      * \endcsname =\end

```

43 File natbib-xepersian.def

```

2108 \ProvidesFile{natbib-xepersian.def}[2011/08/01 v0.1 adaptations for natbib package]
2109 \renewcommand\NAT@set@cites{%
2110   \ifNAT@numbers
2111     \ifNAT@super \let\@cite\NAT@citesuper
2112       \def\NAT@mbox##1{\unskip\nobreak\textsuperscript{##1}}%
2113       \let\citeyearpar=\citeyear
2114       \let\NAT@space\relax
2115       \def\NAT@super@kern{\kern\p@}%
2116     \else
2117       \let\NAT@mbox=\mbox
2118       \let\@cite\NAT@citenum
2119       \let\NAT@space\NAT@spacechar
2120       \let\NAT@super@kern\relax
2121     \fi
2122     \let\@citex\NAT@citexnum
2123     \let\@Latincitex\NAT@Latin@citexnum
2124     \let\@biblabel\NAT@biblabelnum
2125     \let\@bibsetup\NAT@bibsetnum
2126     \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@num\NAT@close}%
2127     \def\natexlab##1{%
2128       \def\NAT@penalty{\penalty\@m}%
2129     \else
2130       \let\@cite\NAT@cite
2131       \let\@citex\NAT@citex
2132       \let\@Latincitex\NAT@Latin@citex
2133       \let\@biblabel\NAT@biblabel
2134       \let\@bibsetup\NAT@bibsetup
2135       \let\NAT@space\NAT@spacechar
2136       \let\NAT@penalty\@empty
2137       \renewcommand\NAT@idxtxt{\NAT@name\NAT@spacechar\NAT@open\NAT@date\NAT@close}%
2138       \def\natexlab##1{##1}%
2139     \fi}
2140 \newcommand\NAT@Latin@citex{}
2141 \def\NAT@Latin@citex%
2142   [#1][#2]#3{%
2143   \NAT@reset@parser
2144   \NAT@sort@cites{#3}%

```




```

2145 \NAT@reset@citea
2146 \@cite{\lr{\let\NAT@nm\@empty\let\NAT@year\@empty
2147 \@for\@citeb:=\NAT@cite@list\do
2148 {\@safe@activestrue
2149 \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
2150 \@safe@activesfalse
2151 \@ifundefined{b@\@citeb\@extra@b@citeb}{\@citea%
2152 {\reset@font\bfseries ?}\NAT@citeundefined
2153 \PackageWarning{natbib}%
2154 {Citation '\@citeb' on page \thepage \space undefined}\def\NAT@date{}}%
2155 {\let\NAT@last@nm=\NAT@nm\let\NAT@last@yr=\NAT@year
2156 \NAT@parse{\@citeb}}%
2157 \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2158 \let\NAT@name=\NAT@all@names
2159 \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}%
2160 \fi
2161 \ifNAT@full\let\NAT@nm\NAT@all@names\else
2162 \let\NAT@nm\NAT@name\fi
2163 \ifNAT@swa\ifcase\NAT@ctype
2164 \if\relax\NAT@date\relax
2165 \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}\NAT@date}%
2166 \else
2167 \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2168 \ifx\NAT@last@yr\NAT@year
2169 \def\NAT@temp{??}%
2170 \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2171 {Multiple citation on page \thepage: same authors and
2172 year\MessageBreak without distinguishing extra
2173 letter,\MessageBreak appears as question mark}\fi
2174 \NAT@hyper@{\NAT@exlab}%
2175 \else\unskip\NAT@spacechar
2176 \NAT@hyper@{\NAT@date}%
2177 \fi
2178 \else
2179 \@citea\NAT@hyper@{%
2180 \NAT@nmfmt{\NAT@nm}%
2181 \hyper@natlinkbreak{%
2182 \NAT@aysep\NAT@spacechar}{\@citeb\@extra@b@citeb
2183 }%
2184 \NAT@date
2185 }%
2186 \fi
2187 \fi
2188 \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2189 \or\@citea\NAT@hyper@{\NAT@date}%
2190 \or\@citea\NAT@hyper@{\NAT@alias}%
2191 \fi \NAT@def@citea
2192 \else
2193 \ifcase\NAT@ctype
2194 \if\relax\NAT@date\relax

```



```

2195         \@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2196     \else
2197         \ifx\NAT@last@nm\NAT@nm\NAT@yrsep
2198             \ifx\NAT@last@yr\NAT@year
2199                 \def\NAT@temp{{?}}%
2200                 \ifx\NAT@temp\NAT@exlab\PackageWarningNoLine{natbib}%
2201                     {Multiple citation on page \thepage: same authors and
2202                     year\MessageBreak without distinguishing extra
2203                     letter,\MessageBreak appears as question mark}\fi
2204                 \NAT@hyper@{\NAT@exlab}%
2205             \else
2206                 \unskip\NAT@spacechar
2207                 \NAT@hyper@{\NAT@date}%
2208             \fi
2209         \else
2210             \@citea\NAT@hyper@{%
2211                 \NAT@nmfmt{\NAT@nm}%
2212                 \hyper@natlinkbreak{\NAT@spacechar\NAT@@open\if*#1*\else#1\NAT@spacechar\fi}%
2213                 {\@citeb\@extra@b@citeb}%
2214                 \NAT@date
2215             }%
2216         \fi
2217     \fi
2218     \or\@citea\NAT@hyper@{\NAT@nmfmt{\NAT@nm}}%
2219     \or\@citea\NAT@hyper@{\NAT@date}%
2220     \or\@citea\NAT@hyper@{\NAT@alias}%
2221     \fi
2222     \if\relax\NAT@date\relax
2223         \NAT@def@citea
2224     \else
2225         \NAT@def@citea@close
2226     \fi
2227 \fi
2228 }}\ifNAT@swa\else\if*#2*\else\NAT@cmt#2\fi
2229 \if\relax\NAT@date\relax\else\NAT@@close\fi\fi}}{#1}{#2}}
2230 \newcommand\NAT@Latin@citexnum{}
2231 \def\NAT@Latin@citexnum[#1][#2]#3{%
2232     \NAT@reset@parser
2233     \NAT@sort@cites{#3}%
2234     \NAT@reset@citea
2235     \@cite{\lr{\def\NAT@num{-1}\let\NAT@last@yr\relax\let\NAT@nm\@empty
2236         \@for\@citeb:=\NAT@cite@list\do
2237         {\@safe@activestrue
2238             \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}%
2239             \@safe@activesfalse
2240             \@ifundefined{b@\@citeb\@extra@b@citeb}{%
2241                 {\reset@font\bfseries?}
2242                 \NAT@citeundefined\PackageWarning{natbib}%
2243                 {Citation ``\@citeb' on page \thepage \space undefined}}%
2244                 {\let\NAT@last@num\NAT@num\let\NAT@last@nm\NAT@nm

```



```

2245 \NAT@parse{\@citeb}%
2246 \ifNAT@longnames\@ifundefined{bv@\@citeb\@extra@b@citeb}{%
2247 \let\NAT@name=\NAT@all@names
2248 \global\@namedef{bv@\@citeb\@extra@b@citeb}{}}{}%
2249 \fi
2250 \ifNAT@full\let\NAT@nm\NAT@all@names\else
2251 \let\NAT@nm\NAT@name\fi
2252 \ifNAT@swa
2253 \@ifnum{\NAT@ctype>\@ne}{%
2254 \@citea
2255 \NAT@hyper@{\@ifnum{\NAT@ctype=\tw@}{\NAT@test{\NAT@ctype}}{\NAT@alias}}%
2256 }{%
2257 \@ifnum{\NAT@cmprs>\z@}{%
2258 \NAT@ifcat@num\NAT@num
2259 {\let\NAT@nm=\NAT@num}%
2260 {\def\NAT@nm{-2}}%
2261 \NAT@ifcat@num\NAT@last@num
2262 {\@tempcnta=\NAT@last@num\relax}%
2263 {\@tempcnta\m@ne}%
2264 \@ifnum{\NAT@nm=\@tempcnta}{%
2265 \@ifnum{\NAT@merge>\@ne}{\NAT@last@yr@mbx}%
2266 }{%
2267 \advance\@tempcnta by\@ne
2268 \@ifnum{\NAT@nm=\@tempcnta}{%
2269 \ifx\NAT@last@yr\relax
2270 \def\NAT@last@yr{\@citea}%
2271 \else
2272 \def\NAT@last@yr{--\NAT@penalty}%
2273 \fi
2274 }{%
2275 \NAT@last@yr@mbx
2276 }%
2277 }%
2278 }%
2279 \@tempswatrue
2280 \@ifnum{\NAT@merge>\@ne}{\@ifnum{\NAT@last@num=\NAT@num\relax}{\@tempswafalse}{}}{}%
2281 \if@tempswa\NAT@citea@mbx\fi
2282 }%
2283 }%
2284 \NAT@def@citea
2285 \else
2286 \ifcase\NAT@ctype
2287 \ifx\NAT@last@nm\NAT@nm \NAT@yrsep\NAT@penalty\NAT@space\else
2288 \@citea \NAT@test{\@ne}\NAT@spacechar\NAT@mbx{\NAT@super@kern\NAT@@open}%
2289 \fi
2290 \if*#1*\else#1\NAT@spacechar\fi
2291 \NAT@mbx{\NAT@hyper@{\@citenumfont{\NAT@num}}}%
2292 \NAT@def@citea@box
2293 \or
2294 \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%

```



```

2295         \or
2296         \NAT@hyper@citea@space{\NAT@test{\NAT@ctype}}%
2297         \or
2298         \NAT@hyper@citea@space\NAT@alias
2299         \fi
2300     \fi
2301 }%
2302 }%
2303 \ifnum{\NAT@cmprs>\z@}{\NAT@last@yr}{}%
2304 \ifNAT@swa\else
2305     \ifnum{\NAT@ctype=\z@}{%
2306         \if*#2*\else\NAT@cmt#2\fi
2307     }{%}%
2308     \NAT@mbox{\NAT@@close}%
2309 \fi
2310 }{#1}{#2}%
2311 }%
2312 \AtBeginDocument{\NAT@set@cites}
2313 \DeclareRobustCommand\Latincite
2314     {\begingroup\let\NAT@ctype\z@\NAT@partrue\NAT@swatrue
2315     \ifstar{\NAT@fulltrue\NAT@Latin@cites}{\NAT@fullfalse\NAT@Latin@cites}}
2316 \newcommand\NAT@Latin@cites{\ifnextchar [{\NAT@@Latin@@citetp}{%
2317     \ifNAT@numbers\else
2318     \NAT@swafalse
2319     \fi
2320     \NAT@@Latin@@citetp[]}}
2321 \newcommand\NAT@@Latin@@citetp{
2322 \def\NAT@@Latin@@citetp[#1]{\ifnextchar[{\@Latincitex[#1]}{\@Latincitex[] [#1]}}

```

44 File packages-localise-xepersian.def

```

2323 packages} \-localise-xepersian.def}[2013/04/24 v0.2 localising LaTeX2e Packages]
2324 color} \}{color} @\-localise-xepersian.def}}{}
2325 \@ifpackageloaded{multicol}{%
2326 \newenvironment{ }{\begin{multicols}}{\end{multicols}}}%
2327 \newenvironment{ *}{\begin{multicols*}}{\end{multicols*}}%
2328 }{}
2329 \@ifpackageloaded{verbatim}{%
2330 \begingroup
2331 \vrb@catcodes
2332 \lccode\!=`\ \lccode\[=\`\{ \lccode\}=`\}
2333 \catcode\~=\active \lccode\~=\^^M
2334 \lccode\C=\C
2335 \lowercase{\endgroup
2336 \def\xepersian@localize@verbatim@start#1{%
2337     \verbatim@startline
2338     \if\noexpand#1\noexpand~%
2339     \let\next\xepersian@localize@verbatim@
2340     \else \def\next{\xepersian@localize@verbatim@#1}\fi
2341     \next}%

```



```

2342 \def\xepersian@localize@verbatim@#1~{\xepersian@localize@verbatim@@#1! \@nil}%
2343 \def\xepersian@localize@verbatim@@#1! {%
2344 \verbatim@addtoline{#1}%
2345 \futurelet\next\xepersian@localize@verbatim@@@}%
2346 \def\xepersian@localize@verbatim@@@#1\@nil{%
2347 \ifx\next\@nil
2348 \verbatim@processline
2349 \verbatim@startline
2350 \let\next\xepersian@localize@verbatim@
2351 \else
2352 \def\@tempa##1! \@nil{##1}%
2353 \@temptokena{!}%
2354 \def\next{\expandafter\xepersian@localize@verbatim@test\@tempa#1\@nil~}%
2355 \fi \next}%
2356 \def\xepersian@localize@verbatim@test#1{%
2357 \let\next\xepersian@localize@verbatim@test
2358 \if\noexpand#1\noexpand~%
2359 \expandafter\verbatim@addtoline
2360 \expandafter{\the\@temptokena}%
2361 \verbatim@processline
2362 \verbatim@startline
2363 \let\next\xepersian@localize@verbatim@
2364 \else \if\noexpand#1
2365 \@temptokena\expandafter{\the\@temptokena#1}%
2366 \else \if\noexpand#1\noexpand[%
2367 \let\@tempc\@empty
2368 \let\next\xepersian@localize@verbatim@testend
2369 \else
2370 \expandafter\verbatim@addtoline
2371 \expandafter{\the\@temptokena}%
2372 \def\next{\xepersian@localize@verbatim@#1}%
2373 \fi\fi\fi
2374 \next}%
2375 \def\xepersian@localize@verbatim@testend#1{%
2376 \if\noexpand#1\noexpand~%
2377 \expandafter\verbatim@addtoline
2378 \expandafter{\the\@temptokena[]}%
2379 \expandafter\verbatim@addtoline
2380 \expandafter{\@tempc}%
2381 \verbatim@processline
2382 \verbatim@startline
2383 \let\next\xepersian@localize@verbatim@
2384 \else\if\noexpand#1\noexpand[%
2385 \let\next\xepersian@localize@verbatim@@testend
2386 \else\if\noexpand#1\noexpand!%
2387 \expandafter\verbatim@addtoline
2388 \expandafter{\the\@temptokena[]}%
2389 \expandafter\verbatim@addtoline
2390 \expandafter{\@tempc}%
2391 \def\next{\xepersian@localize@verbatim@!}%

```



```

2392         \else \expandafter\def\expandafter\@tempc\expandafter
2393             {\@tempc#1}\fi\fi\fi
2394         \next}%
2395 \def\xepersian@localize@verbatim@@testend{%
2396     \ifx\@tempc\@currenvir
2397         \verbatim@finish
2398         \edef\next{\noexpand\end{\@currenvir}}%
2399         \noexpand\xepersian@localize@verbatim@rescan{\@currenvir}}%
2400     \else
2401         \expandafter\verbatim@addtoline
2402         \expandafter{\the\@temptokena}%
2403         \expandafter\verbatim@addtoline
2404         \expandafter{\@tempc}%
2405         \let\next\xepersian@localize@verbatim@
2406     \fi
2407     \next}%
2408 \def\xepersian@localize@verbatim@rescan#1#2~{\if\noexpand~\noexpand#2~\else
2409     \warning{Characters dropped after `\'string\end{#1}'\fi}}%
2410 \def\
2411     {\begingroup\@verbatim \frenchspacing\@vobeyspaces
2412     \xepersian@localize@verbatim@start}
2413 \def\end
2414     {\endtrivlist\endgroup\@doendpe}
2415 \expandafter\let\csname end
2416     *\endcsname =\end
2417 \ExplSyntaxOn
2418 \AtBeginDocument{
2419     \xepersian_localize_patch_verbatim:
2420 }
2421 \cs_set:Npn \xepersian_localize_patch_verbatim: {
2422     \@ifpackageloaded{verbatim}{
2423         \cs_set:cpn {*
2424             } }
2425         \group_begin: \@verbatim \fontspec_print_visible_spaces: \xepersian@localize@verbatim@st
2426     }
2427 }
2428 \ExplSyntaxOff
2429 \@ifpackageloaded{graphicx}{%
2430 \def\Gin@boolkey#1#2{%
2431 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2432 \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2true\endcsname}%
2433 \expandafter\@ifdefinable \csname Gin@#2 \endcsname{%
2434 \expandafter\let\csname Gin@#2 \expandafter\endcsname\csname Gin@#2false\endcsname}%
2435 \csname Gin@#2\ifx\relax#1\relax true\else#1\fi\endcsname}
2436 \define@key{Grot}{origin}[c]{%
2437 \@tfor\@tempa:=#1\do{%
2438 \if 1\@tempa \Grot@x\z@ \else
2439 \if \tempa@ \Grot@x\z@ \else
2440 \if r\@tempa \Grot@x\width \else
2441 \if \tempa@ \Grot@x\width \else

```




```

2489 U+003B <> U+061B ; semicolon -> arabic semicolon
2490
2491 ; ligatures from Knuth's original CMR fonts
2492 U+002D U+002D <> U+2013 ; -- -> en dash
2493 U+002D U+002D U+002D <> U+2014 ; --- -> em dash
2494
2495 U+0027 <> U+2019 ; ' -> right single quote
2496 U+0027 U+0027 <> U+201D ; '' -> right double quote
2497 U+0022 > U+201D ; " -> right double quote
2498
2499 U+0060 <> U+2018 ; ` -> left single quote
2500 U+0060 U+0060 <> U+201C ; `` -> left double quote
2501
2502 U+0021 U+0060 <> U+00A1 ; !` -> inverted exclam
2503 U+003F U+0060 <> U+00BF ; ?` -> inverted question
2504
2505 ; additions supported in T1 encoding
2506 U+002C U+002C <> U+201E ; ,, -> DOUBLE LOW-9 QUOTATION MARK
2507 U+003C U+003C <> U+00AB ; << -> LEFT POINTING GUILLEMET
2508 U+003E U+003E <> U+00BB ; >> -> RIGHT POINTING GUILLEMET

```

46 File rapport1-xepersian.def

```

2509 \ProvidesFile{rapport1-xepersian.def}[2010/07/25 v0.1 adaptations for rapport1 class]
2510 \renewcommand*\thepart{\@tartibi\c@part}
2511 \renewcommand*\appendix{\par
2512   \setcounter{chapter}{0}%
2513   \setcounter{section}{0}%
2514   \gdef\@chapapp{\appendixname}%
2515   \gdef\thechapter{\@harfi\c@chapter}}

```

47 File rapport3-xepersian.def

```

2516 \ProvidesFile{rapport3-xepersian.def}[2010/07/25 v0.2 adaptations for rapport3 class]
2517 \renewcommand*\thepart{\@tartibi\c@part}
2518 \renewcommand*\appendix{\par
2519   \setcounter{chapter}{0}%
2520   \setcounter{section}{0}%
2521   \gdef\@chapapp{\appendixname}%
2522   \gdef\thechapter{\@harfi\c@chapter}}

```

48 File refrep-xepersian.def

```

2523 \ProvidesFile{refrep-xepersian.def}[2010/07/25 v0.2 adaptations for refrep class]
2524 \renewcommand \thepart {\@tartibi\c@part}
2525 \renewcommand\appendix{\par
2526   \setcounter{chapter}{0}%
2527   \setcounter{section}{0}%
2528   \gdef\@chapapp{\appendixname}%
2529   \gdef\thechapter{\@harfi\c@chapter}}

```



2530 }%end appendix

49 File report-xepersian.def

```
2531 \ProvidesFile{report-xepersian.def}[2010/07/25 v0.2 adaptations for standard report class]
2532 \renewcommand \thepart {\@tartibi\c@part}
2533 \renewcommand\appendix{\par
2534   \setcounter{chapter}{0}%
2535   \setcounter{section}{0}%
2536   \gdef\@chapapp{\appendixname}%
2537   \gdef\thechapter{\@harfi\c@chapter}
2538 }%end appendix
```

50 File scrartcl-xepersian.def

```
2539 \ProvidesFile{scrartcl-xepersian.def}[2010/07/25 v0.2 adaptations for scrartcl class]
2540 \renewcommand*{\thepart}{\@tartibi\c@part}
2541 \renewcommand*\appendix{\par%
2542   \setcounter{section}{0}%
2543   \setcounter{subsection}{0}%
2544   \gdef\thesection{\@harfi\c@section}%
2545   \csname appendixmore\endcsname
2546 }
2547 \renewcommand*{\@maybeautodot}[1]{%
2548   \ifx #1\@stop\let\@maybeautodot\relax
2549   \else
2550     \ifx #1\harfi \@autodottrue\fi
2551     \ifx #1\adadi \@autodottrue\fi
2552     \ifx #1\tartibi \@autodottrue\fi
2553     \ifx #1\Alph \@autodottrue\fi
2554     \ifx #1\alph \@autodottrue\fi
2555     \ifx #1\Roman \@autodottrue\fi
2556     \ifx #1\roman \@autodottrue\fi
2557     \ifx #1\@harfi \@autodottrue\fi
2558     \ifx #1\@adadi \@autodottrue\fi
2559     \ifx #1\@tartibi \@autodottrue\fi
2560     \ifx #1\@Alph \@autodottrue\fi
2561     \ifx #1\@alph \@autodottrue\fi
2562     \ifx #1\@Roman \@autodottrue\fi
2563     \ifx #1\@roman \@autodottrue\fi
2564     \ifx #1\romannumeral \@autodottrue\fi
2565   \fi
2566   \@maybeautodot
2567 }
```

51 File scrbook-xepersian.def

```
2568 \ProvidesFile{scrbook-xepersian.def}[2010/07/25 v0.2 adaptations for scrbook class]
2569 \renewcommand*\frontmatter{%
2570   \if@twoside\cleardoubleoddpagel\else\clearpage\fi
```



```

2571 \@mainmatterfalse\pagenumbering{harfi}%
2572 }
2573 \renewcommand*{\thepart}{\@tartibi\c@part}
2574 \renewcommand*{\appendix}{\par%
2575   \setcounter{chapter}{0}%
2576   \setcounter{section}{0}%
2577   \gdef\@chapapp{\appendixname}%
2578   \gdef\thechapter{\@harfi\c@chapter}%
2579   \csname appendixmore\endcsname
2580 }
2581 \renewcommand*{\@maybeautodot}[1]{%
2582   \ifx #1\stop\let\@maybeautodot\relax
2583   \else
2584     \ifx #1\harfi \@autodottrue\fi
2585     \ifx #1\adadi \@autodottrue\fi
2586     \ifx #1\tartibi \@autodottrue\fi
2587     \ifx #1\Alph \@autodottrue\fi
2588     \ifx #1\alph \@autodottrue\fi
2589     \ifx #1\Roman \@autodottrue\fi
2590     \ifx #1\roman \@autodottrue\fi
2591     \ifx #1\@harfi \@autodottrue\fi
2592     \ifx #1\@adadi \@autodottrue\fi
2593     \ifx #1\@tartibi \@autodottrue\fi
2594     \ifx #1\@Alph \@autodottrue\fi
2595     \ifx #1\@alph \@autodottrue\fi
2596     \ifx #1\@Roman \@autodottrue\fi
2597     \ifx #1\@roman \@autodottrue\fi
2598     \ifx #1\romannumeral \@autodottrue\fi
2599   \fi
2600   \@maybeautodot
2601 }

```

52 File screprpt-xepersian.def

```

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

```



```

2618 \ifx #1\alph \@autodottrue\fi
2619 \ifx #1\Roman \@autodottrue\fi
2620 \ifx #1\roman \@autodottrue\fi
2621 \ifx #1\@harfi \@autodottrue\fi
2622 \ifx #1\@adadi \@autodottrue\fi
2623 \ifx #1\@tartibi \@autodottrue\fi
2624 \ifx #1\@Alph \@autodottrue\fi
2625 \ifx #1\@alph \@autodottrue\fi
2626 \ifx #1\@Roman \@autodottrue\fi
2627 \ifx #1\@roman \@autodottrue\fi
2628 \ifx #1\romannumeral \@autodottrue\fi
2629 \fi
2630 \@@maybeautodot
2631 }

```

53 File soul-xepersian.def

```

2632 \ProvidesFile{soul-xepersian.def}[2015/10/16 v0.1 adaptations for soul package]
2633 \let\SOUL@tt\relax
2634 \newfontface{\SOUL@tt}{Times New Roman}

```

54 File tkz-linknodes-xepersian.def

```

2635 \ProvidesFile{tkz-linknodes-xepersian.def}[2012/06/13 v0.1 adaptations for tkz-linknodes packa
2636 \renewcommand*{\@SetTab}{%
2637 \let\@alph\@latinalph%
2638 \ifnum \value{C@NumTab}>25\relax%
2639 \setcounter{C@NumTab}{1}%
2640 \else%
2641 \stepcounter{C@NumTab}%
2642 \fi%
2643 \setcounter{C@NumGroup}{0}%
2644 \newcommand*{\PrefixCurrentTab}{\alph{C@NumTab}}
2645 \setboolean{B@FirstLink}{true}
2646 \setboolean{B@NewGroup}{false}
2647 \setcounter{C@NumGroup}{0}
2648 \setcounter{C@CurrentGroup}{0}
2649 \setcounter{NumC@Node}{0}
2650 \setcounter{NumC@stop}{0}
2651 \setcounter{C@NextNode}{0}
2652 \setcounter{C@CurrentStop}{0}
2653 \setcounter{C@CurrentNode}{0}
2654 }%

```

55 File tocloft-xepersian.def

```

2655 \ProvidesFile{tocloft-xepersian.def}[2010/07/25 v0.1 bilingual captions for tocloft package]
2656 \renewcommand*{\cftchapname}{\if@RTL else\ chapter\fi}
2657 \renewcommand*{\cftsecname}{\if@RTL else\ section\fi}
2658 \renewcommand*{\cftsubsecname}{\if@RTL else\ subsection\fi}

```



```

2659 \renewcommand*{\cftsubsubsecname}{\if@RTL else\      subsubsection\fi}
2660 \renewcommand*{\cftparaname}{\if@RTL else\      paragraph\fi}
2661 \renewcommand*{\cftsubparaname}{\if@RTL else\      subparagraph\fi}
2662 \renewcommand*{\cftfigname}{\if@RTL else\      figure\fi}
2663 \renewcommand*{\cftsubfigname}{\if@RTL else\      subfigure\fi}
2664 \renewcommand*{\cfttabname}{\if@RTL else\      table\fi}
2665 \renewcommand*{\cftsubtabname}{\if@RTL else\      subtable\fi}

```

56 File varioref-xepersian.def

```

2666 \ProvidesFile{varioref-xepersian.def}[2018/09/29 v0.1 bilingual captions for varioref package]
2667 \def\reftextfaceafter{%
2668   \if@RTL
2669
2670 \reftextvario{  }{ }%
2671   \else
2672     on the \reftextvario{facing}{next} page%
2673   \fi
2674 }
2675 \def\reftextfacebefore{%
2676   \if@RTL
2677
2678 \reftextvario{  }{ }%
2679   \else
2680     on the \reftextvario{facing}{preceding} page%
2681   \fi
2682 }
2683 \def\reftextafter{%
2684   \if@RTL
2685
2686 \reftextvario{  }{ }%
2687   \else
2688     on the \reftextvario{following}{next} page%
2689   \fi
2690 }
2691 \def\reftextbefore{%
2692   \if@RTL
2693
2694 \reftextvario{  }{ }%
2695   \else
2696     on the \reftextvario{preceding}{previous} page%
2697   \fi
2698 }
2699 \def\reftextcurrent{%
2700   \if@RTL
2701
2702 \reftextvario{  }{ }%
2703   \else
2704     on \reftextvario{this}{the current} page%
2705   \fi

```



```

2706 }
2707 \def\reftextfaraway#1{%
2708   \if@RTL
2709     %
2710 ~\pageref{#1}%
2711   \else
2712     on page~\pageref{#1}%
2713   \fi
2714 }
2715 \def\reftextpagerange#1#2{%
2716   \if@RTL
2717     %
2718 ~\pageref{#1}--\pageref{#2}%
2719   \else
2720     on pages~\pageref{#1}--\pageref{#2}%
2721   \fi
2722 }
2723 \def\reftextlabelrange#1#2{%
2724   \if@RTL
2725     \ref{#1} %ref{#2}\~
2726   \else
2727     \ref{#1} to~\ref{#2}%
2728   \fi
2729 }

```

57 File xepersian.sty

```

2730 \NeedsTeXFormat{LaTeX2e}
2731 \def\xepersian@version{21.5}
2732 \def\xepersiandate{2018/09/29}
2733 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2734 Persian typesetting in XeLaTeX]
2735 \RequirePackage{fontspec}
2736 \RequirePackage{xepersian-persiancal}
2737 \RequirePackage{xepersian-mathsdigitspec}
2738 \RequirePackage{bidi}
2739 \edef\xepersian@info{*****~J%
2740 * ~J%
2741 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2742 * ~J%
2743 * Description: The package supports Persian~J%
2744 * typesetting, using fonts provided in the~J%
2745 * distribution.~J%
2746 * ~J%
2747 * Copyright (c) 2008--2018 Vafa Khalighi~J%
2748 * ~J%
2749 * v\xepersian@version, \xepersiandate~J%
2750 * ~J%
2751 * License: LaTeX Project Public License, version~J%
2752 * 1.3c or higher (your choice)~J%

```



```

2753 * ^^J%
2754 * Location on CTAN: /macros/xetex/latex/xepersian^^J%
2755 * ^^J%
2756 * Issue tracker: https://sourceforge.net/p/persian-tex-dist/tickets^^J%
2757 * ^^J%
2758 * Support: https://lists.sourceforge.net/lists/listinfo/persian-tex-dist-discuss^^J%
2759 * ^^J%
2760 *****}
2761 \typeout{\@xepersian@info}
2762 \edef\xepersian@everyjob{\the\everyjob}
2763 \everyjob{\xepersian@everyjob\typeout{\@xepersian@info}}
2764 \newcommand*\xepersian@version{
2765   {\ensurermath\xepersian@version}
2766 \newcommand*\IfxepersianPackageVersionLater}[1]{%
2767   \ifdim\xepersian@version pt > #1 pt %
2768     \expandafter\@firstoftwo
2769   \else
2770     \expandafter\@secondoftwo
2771   \fi}
2772 \newcommand*\IfxepersianPackageVersionBefore}[1]{%
2773   \ifdim\xepersian@version pt < #1 pt %
2774     \expandafter\@firstoftwo
2775   \else
2776     \expandafter\@secondoftwo
2777   \fi}
2778 \newcommand*\IfxepersianPackageVersion}[1]{%
2779   \ifdim\xepersian@version pt = #1 pt %
2780     \expandafter\@firstoftwo
2781   \else
2782     \expandafter\@secondoftwo
2783   \fi}
2784 \def\prq{«}
2785 \def\plq{»}
2786 \def\xepersian@cmds@temp#1{%
2787   \begingroup\expandafter\expandafter\expandafter\endgroup
2788   \expandafter\ifx\csname xepersian@#1\endcsname\relax
2789     \begingroup
2790       \escapechar=-1 %
2791       \edef\x{\expandafter\meaning\csname#1\endcsname}%
2792       \def\y{#1}%
2793       \def\z##1->{}%
2794       \edef\y{\expandafter\z\meaning\y}%
2795     \expandafter\endgroup
2796   \ifx\x\y
2797     \expandafter\def\csname xepersian@#1\endcsname
2798     \expandafter{%
2799       \csname#1\endcsname
2800     }%
2801   \fi
2802 \fi

```



```

2803 }%
2804 \xepersian@cmds@temp{shellescape}
2805 \newif\ifwritexviii
2806 \ifnum\xepersian@shellescape=1\relax
2807   \writexviiitrue
2808 \else
2809 \writexviiiifalse
2810 \fi
2811 \newfontscript{Parsi}{arab}
2812 \newfontlanguage{Parsi}{FAR}
2813 \ExplSyntaxOn
2814
2815 \DeclareDocumentCommand \settextfont { 0{ } m 0{ } }
2816 {
2817   \__xepersian_main_settextfont:nn {#1,#3} {#2}
2818   \ignorespaces
2819 }
2820 \cs_new:Nn \__xepersian_main_settextfont:nn
2821 {
2822   \fontspec_set_family:Nnn \l__xepersian_persianfont_family_tl {Script=Parsi,Language=Parsi,MainFont=
2823   \tl_set_eq:NN \rmdefault \l__xepersian_persianfont_family_tl
2824   \use:x { \exp_not:n { \DeclareRobustCommand \persianfont }
2825   {
2826     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2827     \exp_not:N \fontfamily { \l__xepersian_persianfont_family_tl }
2828     \exp_not:N \selectfont
2829   }
2830 }
2831 \str_if_eq:x:nnT {\familydefault} {\rmdefault}
2832 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2833 \__xepersian_settextfont_hook:nn {#1} {#2}
2834 \normalfont
2835 }
2836
2837 \cs_set_eq:NN \__xepersian_settextfont_hook:nn \use_none:nn
2838
2839 \DeclareDocumentCommand \settextdigitfont { 0{ } m 0{ } }
2840 {
2841   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2842   \ignorespaces
2843 }
2844 \cs_new:Nn \__xepersian_main_settextdigitfont:nn
2845 {
2846   \fontspec_set_family:Nnn \l__xepersian_textdigitfont_family_tl {Script=Parsi,Language=Parsi,MainFont=
2847   \use:x
2848   {
2849     \exp_not:n { \DeclareRobustCommand \xepersian@textdigitfont }
2850     {
2851       \exp_not:N \fontfamily { \l__xepersian_textdigitfont_family_tl }
2852       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }

```



```

2853     \exp_not:N \selectfont
2854   }
2855 }
2856 \__xepersian_settextdigitfont_hook:nn {#1} {#2}
2857 \XeTeXinterchartoks \e@alloc@intercharclass@top \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2858 \XeTeXinterchartoks \bidi@digits@charclass \e@alloc@intercharclass@top = {\xepersian@@stop@switch@textdigitfont}
2859 \XeTeXinterchartoks \z@ \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2860 \XeTeXinterchartoks \bidi@digits@charclass \z@ = {\xepersian@@stop@switch@textdigitfont}
2861 \XeTeXinterchartoks \bidi@digits@charclass \bidi@sepmark@charclass = {\xepersian@@stop@switch@textdigitfont}
2862 \XeTeXinterchartoks \bidi@sepmark@charclass \bidi@digits@charclass = {\DigitsDotDashInterCharClass}
2863 \if@bidi@csundef{xepersian@D}{\%
2864   \XeTeXinterchartoks \xepersian@D \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2865   \XeTeXinterchartoks \bidi@digits@charclass \xepersian@D = {\xepersian@@stop@switch@textdigitfont}
2866   \XeTeXinterchartoks \xepersian@L \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2867   \XeTeXinterchartoks \bidi@digits@charclass \xepersian@L = {\xepersian@@stop@switch@textdigitfont}
2868   \XeTeXinterchartoks \xepersian@A \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2869   \XeTeXinterchartoks \bidi@digits@charclass \xepersian@A = {\xepersian@@stop@switch@textdigitfont}
2870   \XeTeXinterchartoks \xepersian@R \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2871   \XeTeXinterchartoks \bidi@digits@charclass \xepersian@R = {\xepersian@@stop@switch@textdigitfont}
2872   \XeTeXinterchartoks \xepersian@H \bidi@digits@charclass = {\xepersian@@start@switch@textdigitfont}
2873   \XeTeXinterchartoks \bidi@digits@charclass \xepersian@H = {\xepersian@@stop@switch@textdigitfont}
2874 }
2875 \newcommand*{\xepersian@@start@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\fontfamily\xepersian\fi\fontseries\m\selectfont}
2876 \newcommand*{\xepersian@@stop@switch@textdigitfont}{\ifx\f@family\ttdefault\else\if@nonlatin\fontfamily\xepersian\fi\fontseries\m\selectfont}
2877 }
2878
2879 \cs_set_eq:NN \__xepersian_settextdigitfont_hook:nn \use_none:nn
2880
2881 \DeclareDocumentCommand \setdigitfont { 0{ } m 0{ } }
2882 {
2883   \__xepersian_main_settextdigitfont:nn {#1,#3} {#2}
2884   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
2885   \ignorespaces
2886 }
2887
2888
2889 \DeclareDocumentCommand \setlatintextfont { 0{ } m 0{ } }
2890 {
2891   \__xepersian_main_setlatintextfont:nn {#1,#3} {#2}
2892   \ignorespaces
2893 }
2894 \cs_new:Nn \__xepersian_main_setlatintextfont:nn
2895 {
2896   \fontspec_set_family:Nnn \l__xepersian_latinfont_family_tl {Mapping=tex-text,#1} {#2}
2897   \use:x { \exp_not:n { \DeclareRobustCommand \latinfont }
2898     {
2899       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2900       \exp_not:N \fontfamily { \l__xepersian_latinfont_family_tl }
2901       \exp_not:N \selectfont
2902     }
2903   }

```




```

2903 }
2904 \str_if_eq_x:nnT {\familydefault} {\rmdefault}
2905 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2906 \__xepersian_setlatintextfont_hook:nn {#1} {#2}
2907 \normalfont
2908 }
2909
2910 \cs_set_eq:NN \__xepersian_setlatintextfont_hook:nn \use_none:nn
2911
2912 \tl_set_eq:NN \setlatinsansfont \setsansfont
2913 \tl_set_eq:NN \setlatinmonofont \setmonofont
2914
2915 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
2916 {
2917   \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2918   \NewDocumentCommand
2919 }
2920 \DeclareDocumentCommand \redefpersianfont { m O{} m O{} }
2921 {
2922   \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2923   \RenewDocumentCommand
2924 }
2925 \cs_new:Nn \__xepersian_main_defpersianfont:nnnN
2926 {
2927   \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Parsi,Language=
2928   \use:x
2929   {
2930     \exp_not:N #4 \exp_not:N #1 {}
2931     {
2932       \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
2933       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2934       \exp_not:N \selectfont
2935     }
2936   }
2937 }
2938
2939 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
2940 {
2941   \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
2942   \NewDocumentCommand
2943 }
2944 \DeclareDocumentCommand \redeflatinfont { m O{} m O{} }
2945 {
2946   \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
2947   \RenewDocumentCommand
2948 }
2949 \cs_new:Nn \__xepersian_main_deflatinfont:nnnN
2950 {
2951   \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Mapping=tex-text,#2}
2952   \use:x

```



```

2953 {
2954   \exp_not:N #4 \exp_not:N #1 {}
2955   {
2956     \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
2957     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2958     \exp_not:N \selectfont
2959   }
2960 }
2961 }
2962
2963 \newcommand\persiansfdefault{}
2964 \newcommand\persianttdefault{}
2965 \newcommand\iranicsfdefault{}
2966 \newcommand\navarsfdefault{}
2967 \newcommand\pooksfdefault{}
2968 \newcommand\sayehsfdefault{}
2969 \DeclareRobustCommand\persiansffamily
2970   {\not@math@alphabet\persiansffamily\mathpersiansf
2971   \fontfamily\persiansfdefault\selectfont}
2972 \DeclareRobustCommand\persianttfamily
2973   {\not@math@alphabet\persianttfamily\mathpersiantt
2974   \fontfamily\persianttdefault\selectfont}
2975 \DeclareRobustCommand\iranicsfamily
2976   {\not@math@alphabet\iranicsfamily\mathiranics
2977   \fontfamily\iranicsdefault\selectfont}
2978 \DeclareRobustCommand\navarsfamily
2979   {\not@math@alphabet\navarsfamily\mathnavar
2980   \fontfamily\navarsdefault\selectfont}
2981 \DeclareRobustCommand\pooksfamily
2982   {\not@math@alphabet\pooksfamily\mathpook
2983   \fontfamily\pooksdefault\selectfont}
2984 \DeclareRobustCommand\sayehsfamily
2985   {\not@math@alphabet\sayehsfamily\mathsayeh
2986   \fontfamily\sayehsfdefault\selectfont}
2987 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
2988 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
2989 \DeclareTextFontCommand{\textiranics}{\iranicsfamily}
2990 \DeclareTextFontCommand{\textnavar}{\navarsfamily}
2991 \DeclareTextFontCommand{\textpook}{\pooksfamily}
2992 \DeclareTextFontCommand{\textsayeh}{\sayehsfamily}
2993
2994 \DeclareDocumentCommand \setpersiansansfont { 0{} m 0{} }
2995 {
2996   \__xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
2997   \ignorespaces
2998 }
2999 \cs_new:Nn \__xepersian_main_setpersiansansfont:nn
3000 {
3001   \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Parsi,Language=Parsi}
3002   \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl

```



```

3003 \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
3004 {
3005   \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3006   \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
3007   \exp_not:N \selectfont
3008 }
3009 }
3010 \str_if_eq:x:nnT {\familydefault} {\persiansfdefault}
3011 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3012 \__xepersian_setpersiansansfont_hook:nn {#1} {#2}
3013 \normalfont
3014 }
3015
3016 \cs_set_eq:NN \__xepersian_setpersiansansfont_hook:nn \use_none:nn
3017
3018 \DeclareDocumentCommand \setpersianmonofont { O{} m O{} }
3019 {
3020   \__xepersian_main_setpersianmonofont:nn {#1,#3} {#2}
3021   \ignorespaces
3022 }
3023 \cs_new:Nn \__xepersian_main_setpersianmonofont:nn
3024 {
3025   \fontspec_set_family:Nnn \l__xepersian_persianttfamily_family_tl {Script=Parsi,Language=Parsi}
3026   \tl_set_eq:NN \persianttdefault \l__xepersian_persianttfamily_family_tl
3027   \use:x { \exp_not:n { \DeclareRobustCommand \persianttfamily }
3028     {
3029       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3030       \exp_not:N \fontfamily { \l__xepersian_persianttfamily_family_tl }
3031       \exp_not:N \selectfont
3032     }
3033   }
3034   \str_if_eq:x:nnT {\familydefault} {\persianttdefault}
3035   { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3036   \__xepersian_setpersianmonofont_hook:nn {#1} {#2}
3037   \normalfont
3038 }
3039
3040 \cs_set_eq:NN \__xepersian_setpersianmonofont_hook:nn \use_none:nn
3041
3042 \DeclareDocumentCommand \setnavarfont { O{} m O{} }
3043 {
3044   \__xepersian_main_setnavarfont:nn {#1,#3} {#2}
3045   \ignorespaces
3046 }
3047 \cs_new:Nn \__xepersian_main_setnavarfont:nn
3048 {
3049   \fontspec_set_family:Nnn \l__xepersian_navarfamilly_family_tl {Script=Parsi,Language=Parsi,MainFont=Persian}
3050   \tl_set_eq:NN \navardefault \l__xepersian_navarfamilly_family_tl
3051   \use:x { \exp_not:n { \DeclareRobustCommand \navarfamilly }
3052     {

```



```

3053 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3054 \exp_not:N \fontfamily { \l__xepersian_navarfamilly_family_tl }
3055 \exp_not:N \selectfont
3056 }
3057 }
3058 \str_if_eq_x:nnT {\familydefault} {\navardefault}
3059 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3060 \__xepersian_setnavarfont_hook:nn {#1} {#2}
3061 \normalfont
3062 }
3063
3064 \cs_set_eq:NN \__xepersian_setnavarfont_hook:nn \use_none:nn
3065
3066 \DeclareDocumentCommand \setpookfont { 0{} m 0{} }
3067 {
3068   \__xepersian_main_setpookfont:nn {#1,#3} {#2}
3069   \ignorespaces
3070 }
3071 \cs_new:Nn \__xepersian_main_setpookfont:nn
3072 {
3073   \fontspec_set_family:Nnn \l__xepersian_pookfamily_family_tl {Script=Parsi,Language=Parsi,Map
3074   \tl_set_eq:NN \pookdefault \l__xepersian_pookfamily_family_tl
3075   \use:x { \exp_not:n { \DeclareRobustCommand \pookfamily }
3076   {
3077     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3078     \exp_not:N \fontfamily { \l__xepersian_pookfamily_family_tl }
3079     \exp_not:N \selectfont
3080   }
3081 }
3082 \str_if_eq_x:nnT {\familydefault} {\pookdefault}
3083 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3084 \__xepersian_setpookfont_hook:nn {#1} {#2}
3085 \normalfont
3086 }
3087
3088 \cs_set_eq:NN \__xepersian_setpookfont_hook:nn \use_none:nn
3089
3090 \DeclareDocumentCommand \setsayehfont { 0{} m 0{} }
3091 {
3092   \__xepersian_main_setsayehfont:nn {#1,#3} {#2}
3093   \ignorespaces
3094 }
3095 \cs_new:Nn \__xepersian_main_setsayehfont:nn
3096 {
3097   \fontspec_set_family:Nnn \l__xepersian_sayehfamily_family_tl {Script=Parsi,Language=Parsi,Map
3098   \tl_set_eq:NN \sayehdefault \l__xepersian_sayehfamily_family_tl
3099   \use:x { \exp_not:n { \DeclareRobustCommand \sayehfamily }
3100   {
3101     \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3102     \exp_not:N \fontfamily { \l__xepersian_sayehfamily_family_tl }

```



```

3103 \exp_not:N \selectfont
3104 }
3105 }
3106 \str_if_eq_x:nnT {\familydefault} {\sayehdefault}
3107 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3108 \__xepersian_setsayehfont_hook:nn {#1} {#2}
3109 \normalfont
3110 }
3111
3112 \cs_set_eq:NN \__xepersian_setsayehfont_hook:nn \use_none:nn
3113
3114 \DeclareDocumentCommand \setiraniconfont { 0{} m 0{} }
3115 {
3116 \__xepersian_main_setiraniconfont:nn {#1,#3} {#2}
3117 \ignorespaces
3118 }
3119 \cs_new:Nn \__xepersian_main_setiraniconfont:nn
3120 {
3121 \fontspec_set_family:Nnn \l__xepersian_iranicfamily_family_tl {Script=Parsi,Language=Parsi,M
3122 \tl_set_eq:NN \iranicdefault \l__xepersian_iranicfamily_family_tl
3123 \use:x { \exp_not:n { \DeclareRobustCommand \iranicfamily }
3124 {
3125 \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
3126 \exp_not:N \fontfamily { \l__xepersian_iranicfamily_family_tl }
3127 \exp_not:N \selectfont
3128 }
3129 }
3130 \str_if_eq_x:nnT {\familydefault} {\iranicdefault}
3131 { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
3132 \__xepersian_setiraniconfont_hook:nn {#1} {#2}
3133 \normalfont
3134 }
3135
3136 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:nn \use_none:nn
3137
3138 \ExplSyntaxOff
3139 \def\resetlatinfont{%
3140 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3141 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3142 \def\xepersian@@fontsize@scale{%
3143 \strip@pt\dimexpr 1pt * \dimexpr
3144 \xepersian@@latin@fontsize@scale pt\relax
3145 / \dimexpr \@xepersian@@fontsize@scale pt\relax\relax
3146 }%
3147 \def\xepersian@@baselineskip@scale{%
3148 \strip@pt\dimexpr 1pt * \dimexpr
3149 \xepersian@@latin@baselineskip@scale pt\relax
3150 / \dimexpr \@xepersian@@baselineskip@scale pt\relax\relax
3151 }%
3152 \@nonlatinfalse%

```



```

3153 \let\normalfont\latinfont%
3154 \let\reset@font\normalfont%
3155 \latinfont%
3156 \fontsize\fontsize\fontsize\fontsize\fontsize%
3157 \selectfont%
3158 \let\xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3159 \let\xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3160 }
3161 \def\setpersianfont{%
3162 \let\xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3163 \let\xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3164 \let\xepersian@@fontsize@scale\one%
3165 \let\xepersian@@baselineskip@scale\one%
3166 \@nonlatintrue%
3167 \let\normalfont\persianfont%
3168 \let\reset@font\normalfont%
3169 \persianfont%
3170 \fontsize\fontsize\fontsize\fontsize\fontsize%
3171 \selectfont%
3172 \let\xepersian@@fontsize@scale\xepersian@@fontsize@scale%
3173 \let\xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
3174 }
3175 \bidi@newrobustcmd*{\lr}[1]{\LRE{\resetlatinfont#1}}
3176 \bidi@newrobustcmd*{\rl}[1]{\RLE{\setpersianfont#1}}
3177 \def\latin{\LTR\LatinAlphs\@RTL@footnotefalse\resetlatinfont}
3178 \def\endlatin{\endLTR}
3179 \def\persian{\RTL\PersianAlphs\@RTL@footnotetrue\setpersianfont}
3180 \def\endpersian{\endRTL}
3181 \newenvironment{latinitems}{\begin{LTRitems}\LatinAlphs\@RTL@footnotefalse\resetlatinfont}{\end{latinitems}}
3182 \newenvironment{persiitems}{\begin{RTLitems}\PersianAlphs\@RTL@footnotetrue\setpersianfont}{\end{persiitems}}
3183 \let\originaltoday=\today
3184 \def\latintoday{\lr{\originaltoday}}
3185 \def\today{\rl{\persiantoday}}
3186 \def \@LTRmarginparreset {%
3187     \reset@font
3188     \resetlatinfont
3189     \normalsize
3190     \@minipagetrue
3191     \everypar{\@minipagefalse\everypar{}\beginL}%
3192 }
3193 \DeclareRobustCommand\Latincite{%
3194     \@ifnextchar [{\@tempwatrue\@Latincitex}{\@tempwafalse\@Latincitex []}]
3195 \def\@Latincitex[#1]#2{\leavevmode
3196     \let\@citea\@empty
3197     \@cite{\lr{\@for\@citeb:=#2\do
3198         {\@citea\def\@citea{\penalty\@m\ }%
3199         \edef\@citeb{\expandafter\@firstofone\@citeb\@empty}}%
3200         \if@files\immediate\write\@auxout{\string\citation{\@citeb}}\fi
3201         \@ifundefined{b\@citeb}{\hbox{\reset@font\bfseries ?}}%
3202         \G@refundefinedtrue

```



```

3203 \latex@warning
3204 {Citation \@citeb' on page \thepage \space undefined}}%
3205 {\@cite@ofmt{\csname b@\@citeb\endcsname}}}{#1}}
3206
3207 \renewcommand*{\bidi@font@@@outputpage}{\if@RTLmain\setpersianfont\else\resetlatinfont\fi}
3208
3209 \newif\if@xepersian@@computeautoilg
3210 \newcount\xepersian@tcl
3211 \newdimen\xepersian@ilg
3212 \newdimen\xepersian@strutilg
3213 \chardef\f@ur=4
3214 \newcommand*{\xepersian@computeautoilg}{% compute the interline glue
3215 \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3216 \loop
3217 \iffontchar\font\xepersian@tcl
3218 \ifdim\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl>\z@
3219 \ifdim\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3220 \xepersian@ilg=\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl
3221 \fi
3222 \else
3223 \ifdim\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl<\z@
3224 \ifdim-\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl>\xepersian@ilg
3225 \xepersian@ilg=-\xeTeXglyphbounds\tw@ \the\xeTeXcharglyph\xepersian@tcl
3226 \fi
3227 \fi
3228 \fi
3229 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\z@
3230 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3231 \xepersian@strutilg=\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl
3232 \fi
3233 \else
3234 \ifdim\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl<\z@
3235 \ifdim-\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3236 \xepersian@strutilg=-\xeTeXglyphbounds\f@ur \the\xeTeXcharglyph\xepersian@tcl
3237 \fi
3238 \fi
3239 \fi
3240 \fi
3241 \advance\xepersian@tcl@ne
3242 \ifnum\xepersian@tcl<1792\repeat
3243 \advance\xepersian@strutilg\xepersian@ilg
3244 % \ifdim\xepersian@strutilg>\baselineskip
3245 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3246 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3247 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3248 % \selectfont
3249 % \fi
3250 }
3251
3252 \newif\if@textdigitfont@on

```



```

3253
3254 \newcommand{\TextDigitFontOn}{\@@textdigitfont@ontrue}
3255 \newcommand{\TextDigitFontOff}{\@@textdigitfont@onfalse}
3256
3257 \TextDigitFontOn
3258
3259 \newcommand*\xepersian@setlength[4]{%
3260     \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi
3261     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3262     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3263     \setlength{#1}{\p@ \@plus\p@ \@minus\p@}%
3264     \else
3265     \setlength{#1}{\p@ \@plus\p@ \@minus#4}%
3266     \fi
3267     \else
3268     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3269     \setlength{#1}{\p@ \@plus#3 \@minus\p@}%
3270     \else
3271     \setlength{#1}{\p@ \@plus#3 \@minus#4}%
3272     \fi
3273     \fi
3274     \else
3275     \ifdim #3<\ifdim #3=\z@ \z@ \else \p@\fi
3276     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3277     \setlength{#1}{#2 \@plus\p@ \@minus\p@}%
3278     \else
3279     \setlength{#1}{#2 \@plus\p@ \@minus#4}%
3280     \fi
3281     \else
3282     \ifdim #4<\ifdim #4=\z@ \z@ \else \p@\fi
3283     \setlength{#1}{#2 \@plus#3 \@minus\p@}%
3284     \else
3285     \setlength{#1}{#2 \@plus#3 \@minus#4}%
3286     \fi
3287     \fi
3288     \fi
3289 }
3290
3291 \newcommand*\setfontsize[2][1.2\@tempdima]{%
3292     \@defaultunits\@tempdima#2pt\relax\@nnil
3293     \setlength{\@tempdimc}{\@tempdima}%
3294     \addtolength{\@tempdimc}{-10\p@}%
3295     \edef\@ptsize{\strip@pt\@tempdimc}%
3296     \@defaultunits\@tempdimb#1pt\relax\@nnil
3297     \setlength{\@tempdimc}{\dimexpr (100\@tempdimb / \@tempdima * \p@)}%
3298     \edef\@tempb{\the\@tempdimc}%
3299     \setlength{\@tempdimc}{\@tempdima}%
3300     \def\@tempa##1##2##3##4##5\@nnil{\def##1{##2.##3##4}}%
3301     \expandafter\@tempa\expandafter\@tempb\@tempb\@nnil%
3302     \xepersian@setlength{\abovedisplayskip}%

```




```

3303         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3304 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3305 \xepersian@setlength{\belowdisplayshortskip}%
3306         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3307 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3308 \edef\normalsize{%
3309 \noexpand\@setfontsize\noexpand\normalsize
3310 {\the\@tempdima}{\the\@tempdimb}%
3311 \abovedisplayskip \the\abovedisplayskip
3312 \abovedisplayshortskip \the\abovedisplayshortskip
3313 \belowdisplayskip \the\belowdisplayskip
3314 \belowdisplayshortskip \the\belowdisplayshortskip
3315 \let\noexpand\@listi\noexpand\@listI
3316 }%
3317 \setlength{\@tempdima}{0.9125\@tempdimc}%
3318 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3319 \xepersian@setlength{\abovedisplayskip}%
3320         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3321 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3322 \xepersian@setlength{\belowdisplayshortskip}%
3323         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3324 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3325 \edef\small{%
3326 \noexpand\@setfontsize\noexpand\small
3327 {\the\@tempdima}{\the\@tempdimb}%
3328 \abovedisplayskip \the\abovedisplayskip
3329 \abovedisplayshortskip \the\abovedisplayshortskip
3330 \belowdisplayskip \the\belowdisplayskip
3331 \belowdisplayshortskip \the\belowdisplayshortskip
3332 \let\noexpand\@listi\noexpand\@listi@small
3333 }%
3334 \setlength{\@tempdima}{.83334\@tempdimc}%
3335 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3336 \xepersian@setlength{\abovedisplayskip}%
3337         {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3338 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3339 \xepersian@setlength{\belowdisplayshortskip}%
3340         {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3341 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3342 \edef\footnotesize{%
3343 \noexpand\@setfontsize\noexpand\footnotesize
3344 {\the\@tempdima}{\the\@tempdimb}%
3345 \abovedisplayskip \the\abovedisplayskip
3346 \abovedisplayshortskip \the\abovedisplayshortskip
3347 \belowdisplayskip \the\belowdisplayskip
3348 \belowdisplayshortskip \the\belowdisplayshortskip
3349 \let\noexpand\@listi\noexpand\@listi@footnotesize
3350 }%
3351 \setlength{\@tempdima}{.66667\@tempdimc}%
3352 \setlength{\@tempdimb}{\@tempb\@tempdima}%

```



```

3353 \edef\scriptsize{%
3354   \noexpand\setfontsize\noexpand\scriptsize
3355   {\the\@tempdima}{\the\@tempdimb}%
3356 }%
3357 \setlength{\@tempdima}{.5\@tempdimc}%
3358 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3359 \edef\tiny{%
3360   \noexpand\setfontsize\noexpand\tiny
3361   {\the\@tempdima}{\the\@tempdimb}%
3362 }%
3363 \setlength{\@tempdima}{1.2\@tempdimc}%
3364 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3365 \edef\large{%
3366   \noexpand\setfontsize\noexpand\large
3367   {\the\@tempdima}{\the\@tempdimb}%
3368 }%
3369 \setlength{\@tempdima}{1.44\@tempdimc}%
3370 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3371 \edef\Large{%
3372   \noexpand\setfontsize\noexpand\Large
3373   {\the\@tempdima}{\the\@tempdimb}%
3374 }%
3375 \setlength{\@tempdima}{1.728\@tempdimc}%
3376 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3377 \edef\LARGE{%
3378   \noexpand\setfontsize\noexpand\LARGE
3379   {\the\@tempdima}{\the\@tempdimb}%
3380 }%
3381 \setlength{\@tempdima}{2.074\@tempdimc}%
3382 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3383 \edef\huge{%
3384   \noexpand\setfontsize\noexpand\huge
3385   {\the\@tempdima}{\the\@tempdimb}%
3386 }%
3387 \setlength{\@tempdima}{2.488\@tempdimc}%
3388 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3389 \edef\Huge{%
3390   \noexpand\setfontsize\noexpand\Huge
3391   {\the\@tempdima}{\the\@tempdimb}%
3392 }%
3393 \normalsize
3394 \setlength{\@tempdimb}{\f@baselineskip}%
3395 \xepersian@setlength{\parsep}%
3396   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3397 \xepersian@setlength{\topsep}%
3398   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3399 \@tempwafalse
3400 \begingroup
3401   \def\@list@extra{\aftergroup\@tempwattrue}%
3402   \csname @listi\endcsname

```



```

3403 \endgroup
3404 \edef\@listi{\leftmargin\leftmargini
3405 \topsep \the\topsep
3406 \parsep \the\parsep
3407 \itemsep \parsep
3408 \if@tempswa\noexpand\@list@extra\fi
3409 }%
3410 \let\@listI\@listi
3411 \xepersian@setlength{\parsep}%
3412         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3413 \xepersian@setlength{\topsep}%
3414         {.3333\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3415 \@tempswafalse
3416 \begingroup
3417 \def\@list@extra{\aftergroup\@tempwattrue}%
3418 \csname @listi\endcsname
3419 \endgroup
3420 \edef\@listi@small{\leftmargin\leftmargini
3421 \topsep \the\topsep
3422 \parsep \the\parsep
3423 \itemsep \parsep
3424 \if@tempswa\noexpand\@list@extra\fi
3425 }%
3426 \xepersian@setlength{\parsep}%
3427         {.125\@tempdimb}{.0625\@tempdimb}{.0625\@tempdimb}%
3428 \xepersian@setlength{\topsep}%
3429         {.25\@tempdimb}{.125\@tempdimb}{.125\@tempdimb}%
3430 \@tempswafalse
3431 \begingroup
3432 \def\@list@extra{\aftergroup\@tempwattrue}%
3433 \csname @listi\endcsname
3434 \endgroup
3435 \edef\@listi@footnotesize{\leftmargin\leftmargini
3436 \topsep \the\topsep
3437 \parsep \the\parsep
3438 \itemsep \parsep
3439 \if@tempswa\noexpand\@list@extra\fi
3440 }%
3441 \xepersian@setlength{\parsep}%
3442         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3443 \xepersian@setlength{\topsep}%
3444         {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3445 \@tempswafalse
3446 \begingroup
3447 \def\@list@extra{\aftergroup\@tempwattrue}%
3448 \csname @listii\endcsname
3449 \endgroup
3450 \edef\@listii{\leftmargin\leftmarginii
3451 \labelwidth=\dimexpr \leftmargin-\labelsep
3452 \topsep \the\topsep

```



```

3453 \parsep \the\parsep
3454 \itemsep \parsep
3455 \if@tempswa\noexpand\@list@extra\fi
3456 }%
3457 \xepersian@setlength{\topsep}%
3458         {.1667\@tempdimb}{.0833\@tempdimb}{.0833\@tempdimb}%
3459 \setlength{\partopsep}{\z@ \@plus\z@ \@minus\p@}%
3460 \@tempswafalse
3461 \begingroup
3462   \def\@list@extra{\aftergroup\@tempwattrue}%
3463   \csname @listiii\endcsname
3464 \endgroup
3465 \edef\@listiii{\leftmargin\leftmarginiii
3466   \labelwidth=\dimexpr \leftmargin-\labelsep
3467   \topsep \the\topsep
3468   \parsep \z@
3469   \partopsep \the\partopsep
3470   \itemsep \topsep
3471   \if@tempswa\noexpand\@list@extra\fi
3472 }%
3473 \@tempswafalse
3474 \begingroup
3475   \def\@list@extra{\aftergroup\@tempwattrue}%
3476   \csname @listiv\endcsname
3477 \endgroup
3478 \edef\@listiv{\leftmargin\leftmarginiv
3479   \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3480   \if@tempswa\noexpand\@list@extra\fi
3481 }%
3482 \@tempswafalse
3483 \begingroup
3484   \def\@list@extra{\aftergroup\@tempwattrue}%
3485   \csname @listv\endcsname
3486 \endgroup
3487 \edef\@listv{\leftmargin\leftmarginv
3488   \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3489   \if@tempswa\noexpand\@list@extra\fi
3490 }%
3491 \@tempswafalse
3492 \begingroup
3493   \def\@list@extra{\aftergroup\@tempwattrue}%
3494   \csname @listvi\endcsname
3495 \endgroup
3496 \edef\@listvi{\leftmargin\leftmarginvi
3497   \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3498   \if@tempswa\noexpand\@list@extra\fi
3499 }%
3500 \@listi
3501 \setlength{\@tempdimb}{\f@baselineskip}%
3502 \setlength{\footnotesep}{.555\@tempdimb}%

```



```

3503 \xepersian@setlength{\skip\footins}%
3504         {.75\@tempdimb}{.3333\@tempdimb}{.1667\@tempdimb}%
3505 \xepersian@setlength{\floatsep}%
3506         {\@tempdimb}{.1667\@tempdimb}{.1667\@tempdimb}%
3507 \xepersian@setlength{\textfloatsep}%
3508         {1.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3509 \setlength{\intextsep}{\floatsep}%
3510 \setlength{\dblfloatsep}{\floatsep}%
3511 \setlength{\dbltextfloatsep}{\textfloatsep}%
3512 \setlength{\@fptop}{\z@ \@plus 1fil}%
3513 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3514 \setlength{\@fpbot}{\@fptop}%
3515 \setlength{\@dblfpptop}{\@fptop}%
3516 \setlength{\@dblfpsep}{\@fpsep}%
3517 \setlength{\@dblfpbot}{\@fptop}%
3518 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3519 }
3520
3521 \renewcommand*{\@bidi@logo@}{%
3522     \@bidi@logo@hb@xt@columnwidth
3523     {\hss\bfseries
3524
3525     \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}}
3526
3527 \renewcommand*{\@bidi@pdfcreator}{%
3528     The xepersian package, v\xepersian@version, \xepersiandate
3529 }
3530
3531 \newcommand*{\@xepersian@pdfcustomproperties}{%
3532     This is the xepersian package, Version \xepersian@version,
3533     Released September 29, 2018.
3534 }
3535
3536 \newcommand\twocolumnstableofcontents{%
3537     \if@bidi@csundef{multi@column@out}{%
3538         \PackageError{xepersian}{Oops! you should load multicols package before xepersian package for b
3539         \begin{multicols}{2}[\section*{\contentsname}]%
3540             \small
3541             \@starttoc{toc}%
3542         \end{multicols}}
3543     \bidi@newrobustcmd*{\XePersian}{\leavevmode$\smash{\hbox{X\lower.5ex
3544         \hbox{\kern-.125em\bidi@reflect@box{E}}Persian}}$}
3545     \def\figurename{\if@RTL else\ Figure\fi}
3546     \def\tablename{\if@RTL else\ Table\fi}
3547     \def\contentsname{\if@RTL else\ Contents\fi}
3548     \def\listfigurename{\if@RTL else\ List of Figures\fi}
3549     \def\listtablename{\if@RTL else\ List of Tables\fi}
3550     \def\appendixname{\if@RTL else\ Appendix\fi}
3551     \def\indexname{\if@RTL else\ Index\fi}
3552     \def\refname{\if@RTL else\ References\fi}

```



```

3553 \def\abstractname{\if@RTL else\ Abstract\fi}
3554 \def\partname{\if@RTL else\ Part\fi}
3555 \def\datenamename{\if@RTL else\ Date:\fi}
3556 \def@@and{\if@RTL else\ and\fi}
3557 \def\bibname{\if@RTL else\ Bibliography\fi}
3558 \def\chaptername{\if@RTL else\ Chapter\fi}
3559 \def\ccname{\if@RTL else\ cc\fi}
3560 \def\enclname{\if@RTL else\ encl\fi}
3561 \def\pagename{\if@RTL else\ Page\fi}
3562 \def\headtoname{\if@RTL else\ To\fi}
3563 \def\proofname{\if@RTL else\ Proof\fi}
3564 \def\@Abjad#1{%
3565     \ifcase#1\or or\ or\ or\ %
3566         \or or\ or\ or\ or\ %
3567         \or or\ or\ or\ or\ %
3568         \or or\ or\ or\ %
3569         \or or\ or\ or\ or\ %
3570         \or or\ or\ or\ or\ %
3571         \else\@ctrerrr\fi}
3572 \def\Abjad#1{\expandafter\@Abjad\csname c@#1\endcsname}
3573 \let\Abjadnumeral\@Abjad
3574 \def\@harfi#1{\ifcase#1\or or\ or\ or\ or\ or\
3575 or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\
3576 or\ or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerrr\fi}
3577 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3578 \let\harfinumeral\@harfi
3579 \newcommand{\adadi}[1]{%
3580 \expandafter\@adadi\csname c@#1\endcsname}%
3581 }
3582 \newcommand{\@adadi}[1]{%
3583 \xepersian@numberstring{#1}\xepersian@yekanii{ }{}%
3584 }
3585 \let\adadinumeral\@adadi%
3586 \def\xepersian@numberoutofrange#1#2{%
3587 \PackageError{xepersian}{The number `#1' is too large %
3588 to be formatted using xepersian}{The largest possible %
3589 number is 999,999,999.}%
3590 }
3591 \def\xepersian@numberstring#1#2#3#4{%
3592 \ifnum\number#1<\@ne%
3593 #3%
3594 \else\ifnum\number#1<1000000000 %
3595 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3596 \else%
3597 \xepersian@numberoutofrange{#1}{#4}%
3598 \fi\fi%
3599 }
3600 \def\xepersian@adadi#1#2{%
3601 \expandafter\xepersian@\@adadi%
3602 \ifcase%

```



```

3603 \ifnum#1<10 1%
3604 \else\ifnum#1<100 2%
3605 \else\ifnum#1<\@m 3%
3606 \else\ifnum#1<\@M 4%
3607 \else\ifnum#1<100000 5%
3608 \else\ifnum#1<1000000 6%
3609 \else\ifnum#1<10000000 7%
3610 \else\ifnum#1<100000000 8%
3611 \else9%
3612 \fi\fi\fi\fi\fi\fi\fi %
3613 \or00000000#1% case 1: Add 8 leading zeros
3614 \or0000000#1% case 2: Add 7 leading zeros
3615 \or000000#1% case 3: Add 6 leading zeros
3616 \or00000#1% case 4: Add 5 leading zeros
3617 \or0000#1% case 5: Add 4 leading zeros
3618 \or000#1% case 6: Add 3 leading zeros
3619 \or00#1% case 7: Add 2 leading zeros
3620 \or0#1% case 8: Add 1 leading zero
3621 \or#1% case 9: Add no leading zeros
3622 \or%
3623 \@nil#2%
3624 \fi%
3625 }
3626 \def\xepersian@adadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3627 \ifnum#1#2#3>\z@
3628 \xepersian@milyoongan#1#2#3%
3629 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3630 \fi%
3631 \ifnum#4#5#6>\z@%
3632 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3633 \ifnum#4#5#6>\@ne\fi%
3634 %
3635 \ifnum#7>\z@\ \fi%
3636 \fi%
3637 \xepersian@sadgan#7{#4#5#6}1#9%
3638 }
3639 \def\xepersian@milyoongan#1#2#3{%
3640 \ifnum#1#2#3=\@ne%
3641 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3642 %
3643 %
3644 \else%
3645 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3646 %
3647 %
3648 \fi%
3649 }
3650 \def\xepersian@sadgan#1#2#3#4#5#6{%
3651 \ifnum#1>\z@%
3652 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%

```



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```

3703 \ifcase%
3704 \ifnum#1<10 1%
3705 \else\ifnum#1<100 2%
3706 \else\ifnum#1<\@m 3%
3707 \else\ifnum#1<\@M 4%
3708 \else\ifnum#1<100000 5%
3709 \else\ifnum#1<1000000 6%
3710 \else\ifnum#1<10000000 7%
3711 \else\ifnum#1<100000000 8%
3712 \else9%
3713 \fi\fi\fi\fi\fi\fi\fi %
3714 \or00000000#1% case 1: Add 8 leading zeros
3715 \or0000000#1% case 2: Add 7 leading zeros
3716 \or000000#1% case 3: Add 6 leading zeros
3717 \or00000#1% case 4: Add 5 leading zeros
3718 \or0000#1% case 5: Add 4 leading zeros
3719 \or000#1% case 6: Add 3 leading zeros
3720 \or00#1% case 7: Add 2 leading zeros
3721 \or0#1% case 8: Add 1 leading zero
3722 \or#1% case 9: Add no leading zeros
3723 \or%
3724 \@nil#2%
3725 \fi%
3726 }
3727 \def\xepersian@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3728 \ifnum#1#2#3>\z@
3729 \xepersian@milyoongan@tartibi#1#2#3%
3730 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3731 \fi%
3732 \ifnum#4#5#6>\z@%
3733 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3734 \ifnum#4#5#6>\@ne \fi%
3735 %
3736 \ifnum#7>\z@\ \fi%
3737 \fi%
3738 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3739 }
3740 \def\xepersian@milyoongan@tartibi#1#2#3{%
3741 \ifnum#1#2#3=\@ne%
3742 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3743 %
3744 %
3745 \else%
3746 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3747 %
3748 %
3749 \fi%
3750 }
3751 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3752 \ifnum#1>\z@%

```



```

3753 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3754 %
3755 \ifnum#2#3>\z@\ \fi%
3756 \fi%
3757 \ifnum#2#3<20%
3758 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3759 \else%
3760 \ifnum#2#3=30%
3761 \xepersian@dahgan@tartibi#2%
3762 \else%
3763 \xepersian@dahgan#2%
3764 \fi%
3765 \ifnum#3>\z@\ \xepersian@yekanv#3\fi%
3766 #60%
3767 \fi%
3768 }
3769 \def\xepersian@dahgan@tartibi#1{%
3770 \ifcase#1\or\or\or\or\ %
3771 \or\or\or\or\ %
3772 \or\%fi\
3773 }
3774 \def\xepersian@tartibi#1{%
3775 \ifcase#1\or\or\or\or\ %
3776 \or\or\or\or\or\ %
3777 \or\or\or\or\ %
3778 \or\or\or\ %
3779 \or\or\or\ %fi\
3780 }
3781 \def\xepersian@yekanv#1{%
3782 \ifcase#1\@empty\or\or\or\or\or\or\or\ %
3783 \or\or\or\or\or\or\or\ %
3784 \or\or\or\or\ %
3785 \or\or\ %fi\
3786 }
3787 \providecommand*{\xpg@warning}[1]{%
3788 \PackageWarning{XePersian}%
3789 {#1}}
3790 \if@bidi@csundef{@abjad}{%
3791 \def{@abjad#1}%
3792 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3793 \else
3794 \ifnum#1<\z@\space\xpg@warning{Illegal value (#1) for abjad numeral}%
3795 \else
3796 \ifnum#1<10\expandafter\abj@num@i\number#1%
3797 \else
3798 \ifnum#1<100\expandafter\abj@num@ii\number#1%
3799 \else
3800 \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3801 \else
3802 \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000

```



```

3803         \fi
3804     \fi
3805     \fi
3806     \fi
3807 \fi
3808 \fi
3809 }
3810 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3811 \let\abjadnumeral\@abjad
3812 \def\abjad@zero{}
3813 \def\abj@num@i#1{%
3814     \ifcase#1\or or\ or\ or\ %
3815         \or or\ or\ or\ or\ fi\
3816     \ifnum#1=\z@\abjad@zero\fi}
3817 \def\abj@num@ii#1{%
3818     \ifcase#1\or or\ or\ or\ or\ %
3819         \or or\ or\ or\ fi\
3820     \ifnum#1=\z@\fi\abj@num@i}
3821 \def\abj@num@iii#1{%
3822     \ifcase#1\or or\ or\ or\ or\ %
3823         \or or\ or\ or\ fi\
3824     \ifnum#1=\z@\fi\abj@num@ii}
3825 \def\abj@num@iv#1{%
3826     \ifcase#1\or fi\
3827     \ifnum#1=\z@\fi\abj@num@iii}
3828 }{}
3829 \let\@latinalph\@alph%
3830 \let\@latinAlph\@Alph%
3831 \def\LatinAlphs{%
3832     \let\@alph\@latinalph%
3833     \let\@Alph\@latinAlph%
3834 }
3835 \def\thempfootnote{\itshape\@latinalph\c@mpfootnote}
3836 \renewcommand*{\bidi@thebibliography@font@hook}{%
3837 \ifLTRbibitems
3838     \resetlatinfont
3839 \fi}
3840 \bidi@AfterEndPreamble{%
3841 \if@bidi@csundef{persianfont}{%
3842 \PackageError{xepersian}{You have not specified any font\MessageBreak
3843 for the main Persian text}{Use ``\settextfont' to load a font.}%
3844 }{}
3845 \ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3846 \ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3847 \ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3848 \ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3849 \ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3850 \ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3851 \ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3852 \ifpackageloaded{fancyref}{\input{fancyref-xepersian.def}}{}

```



```

3853 \@ifpackageloaded{bidityftesidenote}{\input{bidityftesidenote-xepersian.def}}{}
3854 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3855 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3856 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3857 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3858 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3859 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3860 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3861 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3862 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}
3863 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3864 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}{}{\input{tocloft-xepersian.def}}{}}
3865 \@ifpackageloaded{varioref}{\input{varioref-xepersian.def}}{}
3866 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3867 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3868 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3869 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3870 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3871 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3872 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3873 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3874 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3875 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3876 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3877 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3878 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3879 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3880 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3881 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
3882 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}
3883 \@ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3884 \@ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3885 \@ifclassloaded{book}{\input{book-xepersian.def}}{}
3886 \@ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
3887 \@ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3888 \@ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3889
3890 \def\xepersian@fontsize@branch#1{%
3891   \@tempcnta\z@
3892   \@for\xepersian@tmp:=#1\do{%
3893     \KV@sp@def\xepersian@frag{\xepersian@tmp}%
3894     \ifcase\@tempcnta\relax% cnta == 0
3895       \edef\xepersian@value{\xepersian@frag}%
3896       \setfontsize{\xepersian@frag}%
3897     \or% cnta == 1
3898       \setfontsize[\xepersian@frag]{\xepersian@value}%
3899     \else\fi
3900     \advance\@tempcnta\@ne}%
3901 }
3902

```



```

3903
3904 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
3905 \ifcase\xepersian@tempb\relax
3906 \AutoMathsDigits
3907 \or
3908 \DefaultMathsDigits
3909 \or
3910 \PersianMathsDigits
3911 \fi}
3912 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
3913 \ifcase\xepersian@tempb\relax
3914 \AutoInlineMathsDigits
3915 \or
3916 \DefaultInlineMathsDigits
3917 \or
3918 \PersianInlineMathsDigits
3919 \fi}
3920 \define@choicekey{xepersian.sty}{displaymathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default}
3921 \ifcase\xepersian@tempb\relax
3922 \AutoDisplayMathsDigits
3923 \or
3924 \DefaultDisplayMathsDigits
3925 \or
3926 \PersianDisplayMathsDigits
3927 \fi}
3928 \define@choicekey{xepersian.sty}{RTLdocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3929 \ifcase\xepersian@tempb\relax
3930 \@RTLtrue
3931 \or
3932 \@RTLfalse
3933 \fi}
3934
3935 \define@choicekey{xepersian.sty}{documentdirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3936 \ifcase\xepersian@tempb\relax
3937 \@RTLtrue
3938 \or
3939 \@RTLfalse
3940 \fi}
3941
3942
3943 \define@choicekey{xepersian.sty}{tabledirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3944 \ifcase\xepersian@tempb\relax
3945 \@RTLtabtrue
3946 \or
3947 \@RTLtabfalse
3948 \fi}
3949
3950 \define@choicekey{xepersian.sty}{script}[\xepersian@tempa\xepersian@tempb]{latin,nonlatin}[latin]
3951 \ifcase\xepersian@tempb\relax
3952 \@nonlatinfalse

```



```

3953 \or
3954 \nonlatintrue
3955 \fi}
3956
3957 \define@choicekey{xepersian.sty}{rldocument}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3958 \ifcase\xepersian@tempb\relax
3959 \RTLtrue
3960 \or
3961 \RTLfalse
3962 \fi}
3963 \define@choicekey{xepersian.sty}{footnoterule}[\xepersian@tempa\xepersian@tempb]{automatic,left
3964 \ifcase\xepersian@tempb\relax
3965 \autofootnoterule
3966 \or
3967 \leftfootnoterule
3968 \or
3969 \rightfootnoterule
3970 \or
3971 \SplitFootnoteRule
3972 \or
3973 \textwidthfootnoterule
3974 \fi}
3975 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{righttoleft
3976 \ifcase\xepersian@tempb\relax
3977 \RTL@footnotetrue
3978 \or
3979 \RTL@footnotefalse
3980 \fi}
3981 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,off}
3982 \ifcase\xepersian@tempb\relax
3983 \footdir@debugtrue
3984 \or
3985 \footdir@debugfalse
3986 \fi}
3987 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3988 \ifcase\xepersian@tempb\relax
3989 \input{kashida-xepersian.def}
3990 \fi}
3991 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3992 \ifcase\xepersian@tempb\relax
3993 \@Kashida@XB@fixtrue
3994 \or
3995 \@Kashida@XB@fixfalse
3996 \fi}
3997 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3998 \ifcase\xepersian@tempb\relax
3999 \input{localise-xepersian.def}
4000 \fi}
4001 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,off}
4002 \ifcase\xepersian@tempb\relax

```



```

4003 \extrafootnotefeaturestrue
4004 \or
4005 \extrafootnotefeaturesfalse
4006 \fi}
4007 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4008 \ifcase\xepersian@tempb\relax
4009 \PackageWarning{xepersian}{Obsolete option}%
4010 \ifwritexviii%
4011 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4012 \renewcommand\printindex{\newpage%
4013 \immediate\closeout\@indexfile
4014 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
4015 \@input@{\jobname.ind}}}%
4016 \else
4017 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
4018 \fi
4019 \fi}
4020 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off}
4021 \ifcase\xepersian@tempb\relax
4022 \ifwritexviii%
4023 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4024 \renewcommand\printindex{\newpage%
4025 \immediate\closeout\@indexfile
4026 \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
4027 \@input@{\jobname.ind}}}%
4028 \else
4029 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4030 \fi
4031 \fi}
4032 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off}
4033 \ifcase\xepersian@tempb\relax
4034 \ifwritexviii%
4035 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
4036 \renewcommand\printindex{\newpage%
4037 \immediate\closeout\@indexfile
4038 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
4039 \@input@{\jobname.ind}}}%
4040 \else
4041 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
4042 \fi
4043 \fi}
4044 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
4045 \ifcase\xepersian@tempb\relax
4046 \def\PersianAlphs{%
4047 \let\@alph\@abjad%
4048 \let\@Alph\@abjad%
4049 }
4050 \or
4051 \def\PersianAlphs{%
4052 \let\@alph\@Abjad%

```



```

4053 \let\@Alph\@Abjad%
4054 }
4055 \fi}
4056 \DeclareOptionX{defaultlatinfontfeatures}{%
4057 \defaultfontfeatures
4058 [\latinfont]
4059 {#1}
4060 }
4061
4062 \DeclareOptionX{mathfontsizescale}{%
4063 \def\xepersian@math@fontsize@scale{#1}%
4064 }
4065
4066 \DeclareOptionX{fontsizescale}{%
4067 \def\xepersian@@fontsize@scale{#1}%
4068 }
4069
4070 \DeclareOptionX{fontsize}{%
4071 \xepersian@@fontsize@branch{#1}%
4072 }
4073
4074 \DeclareOptionX{latinfontsizescale}{%
4075 \def\xepersian@@latin@fontsize@scale{#1}%
4076 }
4077
4078 \DeclareOptionX{baselineskipscale}{%
4079 \def\xepersian@@baselineskip@scale{#1}%
4080 }
4081
4082 \DeclareOptionX{latinbaselineskipscale}{%
4083 \def\xepersian@@latin@baselineskip@scale{#1}%
4084 }
4085
4086 \define@choicekey{xepersian.sty}{logo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4087 \ifcase\xepersian@tempb\relax
4088 \AtBeginDocument{\@bidi@inslogo@}%
4089 \or
4090 \let\@bidi@logo@\@empty \let\@bidi@inslogo@\@empty
4091 \fi}
4092
4093 \define@choicekey{xepersian.sty}{pdfinfo}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4094 \ifcase\xepersian@tempb\relax
4095 \@bidi@pdfm@marktrue
4096 \or
4097 \@bidi@pdfm@markfalse
4098 \fi}
4099
4100 \define@choicekey{xepersian.sty}{computeautoilg}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4101 \ifcase\xepersian@tempb\relax
4102 \@xepersian@@computeautoilgtrue

```




```

4103 \or
4104 \xepersian@@computeautoilgfalse
4105 \fi}
4106
4107 \define@choicekey{xepersian.sty}{DetectColumn}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
4108 \ifcase\xepersian@tempb\relax
4109 \def\bidi@firstcolumn@status@write{%
4110 \protected@write\@auxout{}%
4111 {\string\bidi@column@status
4112 {1}}}%
4113 \def\bidi@lastcolumn@status@write{%
4114 \protected@write\@auxout{}%
4115 {\string\bidi@column@status{2}}}%
4116 \or
4117 \let\bidi@firstcolumn@status@write\relax
4118 \let\bidi@lastcolumn@status@write\relax
4119 \fi}
4120
4121
4122 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}%
4123 \ifcase\xepersian@tempb\relax
4124 \bidi@AtEndPreamble{%
4125 \bidi@patchcmd{\xepersian@@start@switch@textdigitfont}%
4126 {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{}{}%
4127 }
4128 \or
4129 \relax
4130 \fi}
4131
4132 \ExecuteOptionsX{%
4133 documentdirection=righttoleft,
4134 tabledirection=righttoleft,
4135 script=nonlatin,
4136 footnotedirection=righttoleft,
4137 footnoterule=automatic,
4138 abjadvariant=two,
4139 DetectColumn=off,
4140 fontsizescale=\@ne,
4141 latinfontsizescale=\@ne,
4142 mathfontsizescale=\@ne,
4143 baselineskip scale=\@ne,
4144 latinbaselineskip scale=\@ne
4145 }
4146
4147 \ProcessOptionsX
4148
4149 \if@extrafootnotefeatures
4150 \input{extrafootnotefeatures-xetex-bidi.def}
4151 \input{extrafootnotefeatures-xepersian.def}
4152 \fi

```



```

4153
4154 \bidi@patchcmd{\set@fontsize}{\@tempdimb#2pt}{%
4155   \@tempdimb\xepersian@@@fontsize@scale\dimexpr#2pt\relax
4156 }{}{}
4157
4158 \bidi@patchcmd{\set@fontsize}{\@tempskipa#3pt}{%
4159   \@tempskipa\xepersian@@@baselineskip@scale\dimexpr#3pt\relax
4160 }{}{}
4161
4162
4163 \newcommand*{\xepersian@@update@math@fontsize}[1]{%
4164   \strip@pt\dimexpr\xepersian@@@math@fontsize@scale
4165   \dimexpr 1pt * \dimexpr #1 pt\relax /
4166   \dimexpr \xepersian@@@fontsize@scale pt\relax
4167   \relax\relax
4168 }
4169
4170 \bidi@patchcmd{\getanddefine@fonts}{%
4171   \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
4172 }{%
4173   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
4174 }{}{}
4175
4176 \bidi@patchcmd{\getanddefine@fonts}{%
4177   \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
4178 }{%
4179   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sf@size\endcsname}%
4180 }{}{}
4181
4182 \bidi@patchcmd{\getanddefine@fonts}{%
4183   \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
4184 }{%
4185   \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\ssf@size\endcsname}%
4186 }{}{}
4187
4188
4189 \if@xepersian@@computeautoilg
4190 \bidi@patchcmd{\set@fontsize}{%
4191   \baselineskip\f@baselineskip\relax
4192 }{%
4193   \baselineskip\f@baselineskip\relax
4194   \xepersian@computeautoilg
4195   \ifdim\xepersian@strutilg>\baselineskip
4196     \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
4197     \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
4198     \baselineskip\xepersian@strutilg
4199     \ifdim\footnotesep=.7\baselineskip
4200       \else
4201         \footnotesep=.7\baselineskip
4202       \fi

```



```

4203 \fi
4204 }{}{}
4205 \fi
4206
4207 \setlatintextfont[ExternalLocation,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-boldita
4208 \PersianAlphs

```

58 File xepersian-magazine.cls

```

4209 \NeedsTeXFormat{LaTeX2e}
4210 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]
4211 \RequirePackage{ifthen}
4212 \newlength{\xepersian@imgsize}
4213 \newlength{\xepersian@coltitsize}
4214 \newlength{\xepersian@pageneed}
4215 \newlength{\xepersian@pageleft}
4216 \newlength{\xepersian@indexwidth}
4217 \newcommand{\xepersian@ncolumns}{0}
4218 \newlength{\columnlines}
4219 \setlength{\columnlines}{0 pt} % no lines by default
4220 \newboolean{xepersian@hyphenatedtitles}
4221 \setboolean{xepersian@hyphenatedtitles}{true}
4222 \newboolean{xepersian@ninepoints}
4223 \setboolean{xepersian@ninepoints}{false}
4224 \newboolean{xepersian@showgrid}
4225 \setboolean{xepersian@showgrid}{false}
4226 \newboolean{xepersian@a3paper}
4227 \setboolean{xepersian@a3paper}{false}
4228 \newboolean{xepersian@insidefrontpage}
4229 \setboolean{xepersian@insidefrontpage}{false}
4230 \newboolean{xepersian@insideweather}
4231 \setboolean{xepersian@insideweather}{false}
4232 \newboolean{xepersian@insideindex}
4233 \setboolean{xepersian@insideindex}{false}
4234 \newcount\xepersian@gridrows
4235 \newcount\xepersian@gridcolumns
4236 \xepersian@gridrows=40
4237 \xepersian@gridcolumns=50
4238 \newcount\minraggedcols
4239 \minraggedcols=5
4240 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4241 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4242 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4243 \DeclareOption{twocolumn}%
4244 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4245 \DeclareOption{notitlepage}%
4246 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4247 \DeclareOption{twoside}%
4248 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4249 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}

```



```

4250 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4251 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4252 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4253 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}
4254 \ProcessOptions\relax
4255 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4256 \RequirePackage{ifxetex}
4257 \RequirePackage{multido}
4258 \RequirePackage{datetime}
4259 \RequirePackage{multicol}
4260 \RequirePackage{fancyhdr}
4261 \RequirePackage{fancybox}
4262 \ifthenelse{\boolean{xepersian@a3paper}}{%
4263 \RequirePackage[a3paper, headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4264 }{
4265 \RequirePackage[headsep=0.5cm, vmargin={2cm, 2cm}, hmargin={1.5cm, 1.5cm}]{geometry}
4266 }
4267 \RequirePackage[absolute]{textpos} % absolute positioning
4268 \RequirePackage{hyphenat} % when hyphenate
4269 \RequirePackage{lastpage} % to know the last page number
4270 \RequirePackage{setspace} % set space between lines
4271 \RequirePackage{ragged2e}
4272 \newcommand{\raggedFormat}{\RaggedLeft}
4273 \AtEndOfClass{\xepersianInit}
4274 \ifthenelse{\boolean{xepersian@showgrid}}{%
4275 \AtBeginDocument{
4276 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4277 \advance\minraggedcols by -1
4278 }{%
4279 \AtBeginDocument{
4280 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4281 \advance\minraggedcols by -1
4282 }
4283 \ifthenelse{\boolean{xepersian@ninepoints}}{%
4284 \renewcommand{\normalsize}{%
4285 \setfontsize{\normalsize}{9pt}{10pt}%
4286 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4287 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4288 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4289 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4290
4291 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4292
4293 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4294
4295 \renewcommand{\small}{%
4296 \setfontsize{\small}{8pt}{9pt}%
4297 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4298 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4299 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%

```



```

4300 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4301
4302 \renewcommand{\footnotesize}{%
4303 \setfontsize{\footnotesize}{8pt}{9pt}%
4304 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4305 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4306 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4307 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4308
4309 \renewcommand{\large}{\setfontsize{\large}{11pt}{13pt}}
4310 \renewcommand{\Large}{\setfontsize{\Large}{14pt}{18pt}}
4311 \renewcommand{\LARGE}{\setfontsize{\LARGE}{18pt}{20pt}}
4312 \renewcommand{\huge}{\setfontsize{\huge}{20pt}{25pt}}
4313 \renewcommand{\Huge}{\setfontsize{\Huge}{25pt}{30pt}}
4314 }{}
4315 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4316 \newcommand{\xepersian@wwwFormat}{\sfamily}
4317 \newcommand{\xepersian@www}{%
4318 \raisebox{-3pt}{\{\xepersian@wwwFormat\@customwwwTxt}}
4319 }
4320 \newcommand{\xepersian@edition}{ {
4321 \newcommand{\editionFormat}{\large\bfseries\texttt}
4322 \newcommand{\xepersian@editionLogo}{%
4323 \raisebox{-3pt}{%
4324 {\editionFormat\xepersian@edition}%
4325 }%
4326 }
4327 \newcommand{\indexFormat}{\large\bfseries}
4328 \newcommand{\xepersian@indexFrameTitle}[1]
4329 {\begin{flushright}{\{\indexFormat #1}\end{flushright}}
4330
4331 \newcommand{\indexEntryFormat}{\normalsize}
4332 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4333 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4334 \end{minipage}}
4335 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4336 \newcommand{\indexEntryPageTxt}{ {
4337 \newcommand{\indexEntryPageFormat}{\footnotesize}
4338 \newcommand{\xepersian@indexEntryPage}[1]{%
4339 {\indexEntryPageFormat{\indexEntryPageTxt}{~#1}}%
4340 }
4341 \newcommand{\headDateTimeFormat}{ }
4342 \newcommand{\xepersian@headDateTime}{%
4343 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4344 \currenttime %
4345 }
4346 \newcommand{\weatherFormat}{\bfseries}
4347 \newcommand{\xepersian@weather}[1]{%
4348 \noindent{\weatherFormat #1}%
4349 }

```



```

4350 \newcommand{\weatherTempFormat}{\small}
4351 \newcommand{\weatherUnits}{\textdegree}C}
4352 \newcommand{\xepersian@section}[0]{ {
4353 \newcommand{\xepersian@headleft}{%
4354 {\small\bfseries \@custommagazinename} \date
4355 }
4356 \newcommand{\xepersian@headcenter}{%
4357 \xepersian@section{}
4358 }
4359 \newcommand{\xepersian@headright}{%
4360 \small\xepersian@edition%
4361 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4362 }
4363
4364 \newcommand{\heading}[3]{%
4365 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4366 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4367 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4368 }
4369 \newcommand{\xepersian@footright}{%
4370 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4371 }
4372 \newcommand{\xepersian@footcenter}{%
4373 }
4374 \newcommand{\xepersian@footleft}{%
4375 }
4376
4377 \newcommand{\foot}[3]{%
4378 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4379 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4380 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4381 }
4382 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4383 \newcommand{\xepersian@firstTitle}[1]{%
4384 {%
4385 \begin{spacing}{2.0}{%
4386 \noindent\ignorespaces
4387 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4388 {\nohyphens{\firstTitleFormat #1}}%
4389 {\firstTitleFormat #1}}%
4390 }%
4391 \end{spacing}%
4392 }%
4393 }
4394 \newcommand{\firstTextFormat}{%
4395 \newcommand{\xepersian@firstText}[1]{%
4396 {\noindent\ignorespaces\firstTextFormat #1}%
4397 }
4398 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4399 \newcommand{\xepersian@secondTitle}[1]{%

```



```

4400 \begin{spacing}{1.5}{%
4401 \noindent\ignorespaces\flushright
4402 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4403 {\nohyphens{\secondTitleFormat #1}}%
4404 {\secondTitleFormat #1}}%
4405 }\end{spacing}%
4406 }
4407 \newcommand{\secondSubtitleFormat}{\large}
4408 \newcommand{\xepersian@secondSubtitle}[1]{%
4409 {\noindent\ignorespaces{\secondSubtitleFormat #1}}%
4410 }
4411 \newcommand{\secondTextFormat}{}
4412 \newcommand{\xepersian@secondText}[1]{%
4413 \begin{multicols}{2}
4414 {\noindent\ignorespaces\secondTextFormat #1}
4415 \end{multicols}
4416 }
4417 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4418 \newcommand{\xepersian@thirdTitle}[1]{%
4419 \begin{spacing}{1.5}{%
4420 \noindent\ignorespaces\flushright
4421 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4422 {\nohyphens{\thirdTitleFormat #1}}%
4423 {\thirdTitleFormat #1}}%
4424 }\end{spacing}%
4425 }
4426 \newcommand{\thirdSubtitleFormat}{\large}
4427 \newcommand{\xepersian@thirdSubtitle}[1]{%
4428 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4429 \newcommand{\thirdTextFormat}{}
4430 \newcommand{\xepersian@thirdText}[1]{\thirdTextFormat #1}}
4431 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4432 \newcommand{\xepersian@pictureCaption}[1]{%
4433 {\noindent\pictureCaptionFormat #1}}%
4434 }
4435 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4436 \newcommand{\xepersian@pages}[1]{%
4437 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4438 \newcommand{\innerTitleFormat}{\Huge}
4439 \newcommand{\xepersian@innerTitle}[1]{%
4440 \begin{flushright}{%
4441 \noindent
4442 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4443 {\nohyphens{\innerTitleFormat #1}}%
4444 {\innerTitleFormat #1}}%
4445 }%
4446 \\%
4447 \end{flushright}}%
4448 }
4449 \newcommand{\innerSubtitleFormat}{\large}

```



```

4450 \newcommand{\xepersian@innerSubtitle}[1]{\{\innerSubtitleFormat #1\}}
4451 \newcommand{\timestampTxt}{}
4452 \newcommand{\timestampSeparator}{}
4453 \newcommand{\timestampFormat}{\small}
4454 \newcommand{\timestamp}[1]{%
4455 {\timestampFormat%
4456 #1~\timestampTxt}%
4457 }~\timestampSeparator}%
4458 }
4459 \newcommand{\innerAuthorFormat}{\footnotesize}
4460 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}
4461 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4462 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4463 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4464 \newcommand{\editorialAuthorFormat}{\textsc}
4465 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4466 \newcommand{\xepersian@shortarticleTitle}[1]{\{\shortarticleTitleFormat #1\}}
4467 \newcommand{\shortarticleSubtitleFormat}{\Large}
4468 \newcommand{\xepersian@shortarticleSubtitle}[1]{\{\shortarticleSubtitleFormat #1\}}
4469 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4470 \newcommand{\xepersian@shortarticleItemTitle}[1]{\{\shortarticleItemTitleFormat #1\}}
4471 \renewcommand{\maketitle}{\begin{titlepage}%
4472 \let\footnotesize\small
4473 \let\footnoterule\relax
4474 \let \footnote \thanks
4475 \null\vfil
4476 \vskip 60\p@
4477 \begin{center}%
4478 {\LARGE \@title \par}%
4479 \vskip 1em%
4480 {\LARGE «\xepersian@edition» \par}%
4481 \vskip 3em%
4482 {\large
4483 \lineskip .75em%
4484 \begin{tabular}[t]{c}%
4485 \@author
4486 \end{tabular}\par}%
4487 \vskip 1.5em%
4488 {\large \@date \par}%
4489 \end{center}\par
4490 \@thanks
4491 \vfil\null
4492 \end{titlepage}%
4493 \setcounter{footnote}{0}%
4494 \global\let\thanks\relax
4495 \global\let\maketitle\relax
4496 \global\let\@thanks\@empty
4497 \global\let\@author\@empty
4498 \global\let\@date\@empty
4499 \global\let\@title\@empty

```




```

4500 \global\let\title\relax
4501 \global\let\author\relax
4502 \global\let\date\relax
4503 \global\let\and\relax
4504 }
4505 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4506 \newsavebox{\xepersian@fmbox}
4507 \newenvironment{xepersian@fmpage}[1]
4508 {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4509 {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4510 \newcommand{\image}[2]{
4511 \vspace{5pt}
4512 \setlength{\fboxsep}{1pt}
4513 \addtolength{\xepersian@imgsize}{\columnwidth}
4514 \addtolength{\xepersian@imgsize}{-1\columnsep}
4515 \ifxetex
4516 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4517 \addtolength{\xepersian@pageneed}{50pt}
4518 \ClassWarning{xepersian-magazine}{%
4519 Image #1 needs: \the\xepersian@pageneed \space %
4520 and there is left: \the\page@free\space%
4521 }
4522 \ifdim \xepersian@pageneed < \page@free
4523
4524 {\centering\fbox{%
4525 \includegraphics[width = \xepersian@imgsize,
4526 height = \xepersian@imgsize,
4527 keepaspectratio ]{#1}}}
4528 \xepersian@pictureCaption{#2}
4529
4530 \vspace{5pt}
4531 \else
4532 \ClassWarning{Image #1 needs more space!%
4533 It was not inserted!}
4534 \fi
4535 \fi
4536 }
4537 \textblockorigin{1cm}{1cm}
4538 \newdimen\xepersian@dx
4539 \newdimen\xepersian@dy
4540 \newcount\xepersian@cx
4541 \newcount\xepersian@cy
4542 \newcommand{\grid}[3][ ]{
4543 \xepersian@dx=\textwidth%
4544 \xepersian@dy=\textheight%
4545 \xepersian@cx=#3% %columns
4546 \xepersian@cy=#2% %rows
4547
4548 \count1=#3%
4549 \advance\count1 by 1

```



```

4550
4551 \count2=#2%
4552 \advance\count2 by 1
4553
4554 \divide\xepersian@dx by #3
4555 \divide\xepersian@dy by #2
4556
4557 \setlength{\TPHorizModule}{\xepersian@dx}
4558 \setlength{\TPVertModule}{\xepersian@dy}
4559
4560 \ifthenelse{\equal{#1}{show}}{
4561 \multido{\xepersian@nrow=0+1}{\count2}{
4562 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4563 \rule[0pt]{\textwidth}{.1pt}
4564 \end{textblock}
4565 }
4566
4567 \multido{\xepersian@ncol=0+1}{\count1}{
4568 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4569 \rule[0pt]{.1pt}{\textheight}
4570 \end{textblock}
4571 }
4572 }{}
4573 }
4574 \newcommand{\xepersianInit}{
4575 \setlength{\headheight}{14pt}
4576 \renewcommand{\headrulewidth}{0.4pt}
4577
4578 \pagestyle{fancy}
4579
4580 \setlength{\columnseprule}{\columnlines}
4581 \setlength{\fboxrule}{0.1 pt}
4582
4583 }
4584
4585 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4586 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4587 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4588 \newcommand{\logo}[0]{
4589 %% Heading %%
4590 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4591
4592 \vspace*{-3pt}
4593
4594 {\Large\bfseries \@customlogo}
4595 \hrulefill
4596 \hspace{10pt}\xepersian@headDateTime
4597
4598 }
4599 \newcommand{\minilogo}[0]{

```



```

4600 {\large\bfseries \@customminilogo}
4601
4602 \vspace*{5pt}
4603 }
4604 \newcommand{\mylogo}[1]{
4605 {\beginR#1\endR}
4606
4607 \noindent
4608 \xepersian@editionLogo\hspace{5pt}
4609 \hrulefill
4610 \hspace{5pt}\xepersian@headDateTime
4611 }
4612 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4613 \newenvironment{frontpage}[0]
4614 {
4615 \setboolean{xepersian@insidefrontpage}{true}
4616 \thispagestyle{empty}
4617 \logo
4618
4619 }%
4620 {
4621 \thispagestyle{empty}
4622 \clearpage
4623 \newpage
4624 \fancyhead{}
4625 \fancyfoot{}
4626 \fancyhead[RO,LE]{\beginR\xepersian@headright\endR}
4627 \fancyhead[LO,RE]{\beginR\xepersian@headleft\endR}
4628 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4629 \fancyfoot[RO,LE]{\beginR\xepersian@footright\endR}
4630 \fancyfoot[LO,RE]{\beginR\xepersian@footleft\endR}
4631 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4632 \renewcommand{\headrulewidth}{0.4pt}
4633 \setboolean{xepersian@insidefrontpage}{false}
4634
4635 }
4636 \newcommand{\firstarticle}[3]
4637 {
4638 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4639 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4640 \begin{textblock}{24}(22,5)
4641 }
4642 {
4643 \begin{textblock}{28}(22,5)
4644 }
4645 \vspace{-7pt}
4646 \xepersian@firstTitle{#1}
4647 \end{textblock}
4648 \begin{textblock}{29}(22,10)
4649 \vspace{5pt plus 2pt minus 2pt}

```



```

4650
4651 \xepersian@firstText{\timestamp{#3}~#2}
4652
4653 \end{textblock}
4654
4655 \begin{textblock}{50}(0,15)
4656 \rule{50\TPHorizModule}{.3pt}
4657 \end{textblock}
4658 }{%else
4659 \ClassError{xepersian-magazine}{%
4660 \protect\firstarticle\space in a wrong place.\MessageBreak
4661 \protect\firstarticle\space may only appear inside frontpage environment.
4662 }{%
4663 \protect\firstarticle\space may only appear inside frontpage environment.
4664 }%
4665 }
4666 }
4667 \newcommand{\secondarticle}[5]
4668 {
4669 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4670 \begin{textblock}{33}(2,16)
4671 \xepersian@pages{#4}
4672 \vspace{-5pt}
4673 \xepersian@secondTitle{#1}
4674
4675 \vspace*{5pt}
4676
4677 \xepersian@secondSubtitle{#2}
4678
4679 \vspace*{-7pt}
4680
4681 \xepersian@secondText{\timestamp{#5}~#3}
4682
4683 \end{textblock}
4684
4685 \begin{textblock}{33}(2,25)
4686 \vspace{5pt plus 2pt minus 2pt}
4687
4688 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4689 \end{textblock}
4690 }{%else
4691 \ClassError{xepersian-magazine}{%
4692 \protect\secondarticle\space in a wrong place.\MessageBreak
4693 \protect\secondarticle\space may only appear inside frontpage environment.
4694 }{%
4695 \protect\secondarticle\space may only appear inside frontpage environment.
4696 }%
4697 }
4698 }
4699 \newcommand{\thirdarticle}[6]

```



```

4700 {
4701 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4702 \begin{textblock}{32}(2,26)
4703 \xepersian@pages{#5}
4704 \vspace{-5pt}
4705 \setlength{\fboxsep}{1pt}
4706 \xepersian@thirdTitle{#1}
4707
4708 \vspace*{5pt}
4709
4710 \xepersian@thirdSubtitle{#2}
4711
4712 \vspace*{5pt}
4713
4714 {\noindent\ignorespaces %
4715 \ifthenelse{\equal{#4}{}}{}}
4716
4717 \xepersian@thirdText{\timestamp{#6}~#3}
4718
4719 }
4720
4721 \vspace*{5pt}
4722
4723 \end{textblock}
4724 }{%else
4725 \ClassError{xepersian-magazine}{%
4726 \protect\thirdarticle\space in a wrong place.\MessageBreak
4727 \protect\thirdarticle\space may only appear inside frontpage environment.
4728 }{%
4729 \protect\thirdarticle\space may only appear inside frontpage environment.
4730 }%
4731 }
4732 }
4733 \newcommand{\firstimage}[2]
4734 {
4735 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4736 \begin{textblock}{18}(2,5)
4737 \setlength{\fboxsep}{1pt}
4738 \ifxetex % only in PDF
4739 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4740 \fi
4741
4742 \xepersian@pictureCaption{#2}
4743 \end{textblock}%
4744 }
4745 {\ClassError{xepersian-magazine}{%
4746 \protect\firstimage\space in a wrong place.\MessageBreak
4747 \protect\firstimage\space may only appear inside frontpage environment.
4748 }{%
4749 \protect\firstimage\space may only appear inside frontpage environment.

```



```

4750 }}
4751 }%
4752 \newcommand{\weatheritem}[5]{%
4753 \ifthenelse{\boolean{xepersian@insideweather}}{
4754 \begin{minipage}{45pt}
4755 \ifxetex
4756 \includegraphics[width=40pt]{#1}
4757 \fi
4758 \end{minipage}
4759 \begin{minipage}{50pt}
4760 \weatherTempFormat
4761 #2\\
4762 \beginL#3 $\mid$ #4 \lr{\weatherUnits{}}\endL\\
4763 #5
4764 \end{minipage}
4765 }{%else
4766 \ClassError{xepersian-magazine}{%
4767 \protect\weatheritem\space in a wrong place.\MessageBreak
4768 \protect\weatheritem\space may only appear inside weatherblock environment.
4769 }{%
4770 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4771 weatherblock environment may only appear inside frontpage environment.
4772 }%
4773 }
4774 }
4775 \newenvironment{weatherblock}[1]
4776 {
4777 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4778 \setboolean{xepersian@insideweather}{true}
4779 \begin{textblock}{32}(2,38)
4780 \vspace*{-15pt}
4781
4782 \xepersian@weather{\beginR#1\endR}
4783
4784 \vspace*{5pt}
4785
4786 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4787 \begin{minipage}{32\TPHorizModule}
4788 \hspace{5pt}
4789
4790 }{%
4791 \ClassError{xepersian-magazine}{%
4792 weatherblock in a wrong place.\MessageBreak
4793 weatherblock may only appear inside frontpage environment.
4794 }{%
4795 weatherblock may only appear inside frontpage environment.
4796 }
4797 }
4798 }%
4799 {

```



```

4800 \end{minipage}
4801 \end{xepersian@fmpage}
4802 \end{textblock}
4803 \setboolean{xepersian@insideweather}{false}
4804 }
4805 \newenvironment{authorblock}[0]
4806 {
4807 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4808 \begin{textblock}{15}(36,35)
4809 \setlength{\fboxsep}{5pt}
4810 \begin{xepersian@fmpage}{13\TPHorizModule}
4811 \begin{minipage}{13\TPHorizModule}
4812 \centering
4813 \minilogo
4814
4815 }{%else
4816 \ClassError{xepersian-magazine}{%
4817 authorblock in a wrong place.\MessageBreak
4818 authorblock may only appear inside frontpage environment.
4819 }{%
4820 authorblock may only appear inside frontpage environment.
4821 }
4822 }
4823 }
4824 {
4825 \end{minipage}
4826 \end{xepersian@fmpage}
4827 \end{textblock}
4828 }
4829 \newenvironment{indexblock}[1]
4830 {
4831 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4832 \setboolean{xepersian@insideindex}{true}%let's in
4833 \begin{textblock}{15}(36,16)
4834 \setlength{\xepersian@indexwidth}{13\TPHorizModule}
4835 \xepersian@indexFrameTitle{#1}
4836
4837 \setlength{\fboxsep}{5pt} %espacio entre el frame y la imagen
4838 \begin{xepersian@fmpage}{\xepersian@indexwidth}
4839 \begin{minipage}{\xepersian@indexwidth}
4840 \vspace*{10pt}
4841 }{%else
4842 \ClassError{xepersian-magazine}{%
4843 indexblock in a wrong place.\MessageBreak
4844 indexblock may only appear inside frontpage environment.
4845 }{%
4846 indexblock may only appear inside frontpage environment.
4847 }
4848 }
4849 }%

```



```

4850 {
4851 \end{minipage}
4852 \end{xepersian@fmpage}
4853 \end{textblock}
4854 \setboolean{xepersian@insideindex}{false}%let's out
4855 }
4856 \newcommand{\indexitem}[2]
4857 {
4858 \ifthenelse{\boolean{xepersian@insideindex}}{
4859 \xepersian@indexEntry{#1 \xepersian@indexEntryPage{\pageref{#2}}}
4860
4861 \vspace{0.5cm}
4862
4863 \noindent\ignorespaces\indexEntrySeparator{
4864 }{%else
4865 \ClassError{xepersian-magazine}{%
4866 \protect\indexitem\space in a wrong place.\MessageBreak
4867 \protect\indexitem\space may only appear inside indexblock environment.
4868 }{%
4869 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
4870 indexblock environment may only appear inside frontpage environment.
4871 }%
4872 }
4873 }
4874 \newcommand{\xepersian@inexpandedtitle}[1]{
4875 \begin{minipage}{.95\textwidth}
4876 \begin{center}
4877 \noindent\Large\textbf{\beginR#1\endR}
4878 \end{center}
4879 \end{minipage}
4880 }
4881 \newcommand{\expandedtitle}[2]{
4882 \end{multicols}
4883
4884 \begin{center}
4885 \setlength{\fboxsep}{5pt}
4886 \setlength{\shadowsize}{2pt}
4887 \ifthenelse{\equal{#1}{shadowbox}}{%
4888 \shadowbox{%
4889 \xepersian@inexpandedtitle{#2}%
4890 }%
4891 }{
4892 \ifthenelse{\equal{#1}{doublebox}}{%
4893 \doublebox{%
4894 \xepersian@inexpandedtitle{#2}%
4895 }%
4896 }{
4897 \ifthenelse{\equal{#1}{ovalbox}}{%
4898 \ovalbox{%
4899 \xepersian@inexpandedtitle{#2}%

```




```

4900 }%
4901 }{}
4902 \ifthenelse{\equal{#1}{Ovalbox}}{%
4903 \Ovalbox{%
4904 \xepersian@inexpandedtitle{#2}%
4905 }%
4906 }{}
4907 \ifthenelse{\equal{#1}{lines}}{
4908 \hrule
4909 \vspace*{8pt}
4910 \begin{center}
4911 \noindent\Large\textbf{#2}
4912 \end{center}
4913 \vspace*{8pt}
4914 \hrule
4915 }{}
4916 \end{center}
4917
4918 \begin{multicols}{\xepersian@ncolumns}
4919 \ifnum \xepersian@ncolumns > \minraggedcols
4920 \raggedFormat
4921 \fi
4922 }
4923 \newcommand{\xepersian@incolumntitle}[2]{
4924 \begin{minipage}{#1}
4925 \begin{center}
4926 \noindent\normalsize\textbf{#2}
4927 \end{center}
4928 \end{minipage}
4929 }
4930
4931 \newcommand{\columnntitle}[2]{
4932 \vspace*{5pt}
4933 \begin{center}
4934 \setlength{\fboxsep}{5pt}
4935 \setlength{\shadowsize}{2pt}
4936 \addtolength{\xepersian@coltitsize}{\columnwidth}
4937 \addtolength{\xepersian@coltitsize}{-1\columnsep}
4938 \addtolength{\xepersian@coltitsize}{-5pt}
4939 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
4940 \ifthenelse{\equal{#1}{shadowbox}}{%
4941 \shadowbox{%
4942 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4943 }%
4944 }{}
4945 \ifthenelse{\equal{#1}{doublebox}}{%
4946 \doublebox{%
4947 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4948 }%
4949 }{}

```



```

4950 \ifthenelse{\equal{#1}{ovalbox}}{%
4951 \ovalbox{%
4952 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4953 }%
4954 }{}
4955 \ifthenelse{\equal{#1}{Ovalbox}}{%
4956 \Ovalbox{%
4957 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4958 }%
4959 }{}
4960 \ifthenelse{\equal{#1}{lines}}{
4961 \hrule
4962 \vspace*{5pt}
4963 \begin{center}
4964 \noindent\normalsize\textbf{#2}
4965 \end{center}
4966 \vspace*{5pt}
4967 \hrule
4968 }{}
4969 \end{center}
4970 }
4971 \renewcommand{\date}{%
4972 \longdate{\today}%
4973 }
4974 \newcommand{\authorandplace}[2]{%
4975 \rightline{%
4976 {\innerAuthorFormat #1},\space{\innerPlaceFormat #2}%
4977 }%
4978 \par %
4979 }
4980 \newcommand{\newsection}[1]{
4981 \renewcommand{\xepersian@section}{#1}
4982 }
4983 \newenvironment{article}[5]
4984 {
4985 \xepersian@say{Adding a new piece of article}
4986 \renewcommand{\xepersian@ncolumns}{#1}
4987 \begin{multicols}{#1}[
4988 \xepersian@pages{#4}
4989 \xepersian@innerTitle{#2}%
4990 \xepersian@innerSubtitle{#3}%
4991 ] [4cm]%
4992 \label{#5}
4993 \ifnum #1 > \minraggedcols
4994 \raggedFormat
4995 \fi
4996 }
4997 {\sim\innerTextFinalMark{}
4998 \end{multicols}
4999 }

```



```

5000 \newcommand{\articlesep}{%
5001 \setlength{\xepersian@pageneed}{16000pt}
5002 \setlength\xepersian@pageleft{\pagegoal}
5003 \addtolength\xepersian@pageleft{-\pagetotal}
5004
5005 \xepersian@say{How much left \the\xepersian@pageleft}
5006
5007 \ifdim \xepersian@pageneed < \xepersian@pageleft
5008 \xepersian@say{Not enough space}
5009 \else
5010 \xepersian@say{Adding sep line between articles}
5011 \vspace*{10pt plus 10pt minus 5pt}
5012 \hrule
5013 \vspace*{10pt plus 5pt minus 5pt}
5014 \fi
5015
5016 }
5017 \newcommand{\xepersian@editorialTit}[2]{
5018 \setlength{\arrayrulewidth}{.1pt}
5019 \begin{center}
5020 \begin{tabular}{c}
5021 \noindent
5022 \xepersian@editorialTitle{#1}
5023 \vspace{2pt plus 1pt minus 1pt}
5024 \\
5025 \hline
5026 \vspace{2pt plus 1pt minus 1pt}
5027 \\
5028 \editorialAuthorFormat{#2}
5029 \end{tabular}
5030 \end{center}
5031 }
5032 \newenvironment{editorial}[4]
5033 {
5034 \xepersian@say{Adding a new editorial}
5035 \begin{multicols}{#1}[%
5036 \xepersian@editorialTit{#2}{#3}%
5037 ] [4cm]
5038 \label{#4}
5039 \ifnum #1 > \minraggedcols
5040 \raggedFormat
5041 \fi
5042 }
5043 {
5044 \end{multicols}
5045 }
5046 \newcommand{\xepersian@shortarticleTit}[2]{
5047 \begin{center}
5048 \vbox{%
5049 \noindent

```



```

5050 \xepersian@shortarticleTitle{#1}
5051 \vspace{4pt plus 2pt minus 2pt}
5052 \hrule
5053 \vspace{4pt plus 2pt minus 2pt}
5054 \xepersian@shortarticleSubtitle{#2}
5055 }
5056 \end{center}
5057 }
5058 \newenvironment{shortarticle}[4]
5059 {
5060 \xepersian@say{Adding a short article block}
5061 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}][4cm] %
5062 \label{#4}
5063 \par %
5064 \ifnum #1 > \minraggedcols
5065 \raggedFormat
5066 \fi
5067 }
5068 {
5069 \end{multicols}
5070 }
5071 \newcommand{\shortarticleitem}[2]{
5072 \goodbreak
5073 \vspace{5pt plus 3pt minus 3pt}
5074 {\vbox{\noindent\xepersian@shortarticleItemTitle{#1}}}
5075 \vspace{5pt plus 3pt minus 3pt}
5076 {\noindent #2}\\
5077 }

```

59 File xepersian-mathsdigitspec.sty

```

5078 \NeedsTeXFormat{LaTeX2e}
5079 \ProvidesPackage{xepersian-mathsdigitspec}
5080 [2018/01/01 v1.1.5 Unicode Persian maths digits in XeLaTeX]
5081 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
5082 \let\newfam\new@mathgroup
5083 \def\select@group#1#2#3#4{%
5084 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5085 {%
5086 \ifmmode
5087 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
5088 \begin@group
5089 \escapechar\m@ne
5090 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5091 \globaldefs\@ne \math@fonts
5092 \end@group
5093 \init@restore@version
5094 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
5095 {\number\csname c@mv@\math@version\endcsname}}%
5096 \global\advance\csname c@mv@\math@version\endcsname\@ne

```



```

5097 \else
5098 \let#1\relax
5099 \@latex@error{Too many math alphabets used in
5100 version \math@version}%
5101 \@eha
5102 \fi
5103 \else \expandafter\non@alpherr\fi
5104 #1{#4}%
5105 }%
5106 }
5107 \def\document@select@group#1#2#3#4{%
5108 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
5109 {%
5110 \ifmode
5111 \ifnum\csname c@mv@\math@version\endcsname<\@ccclvi
5112 \begingroup
5113 \escapechar\m@ne
5114 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
5115 \globaldefs\@ne \math@fonts
5116 \endgroup
5117 \expandafter\extract@alph@from@version
5118 \csname mv@\math@version\expandafter\endcsname
5119 \expandafter{\number\csname
5120 c@mv@\math@version\endcsname}%
5121 #1%
5122 \global\advance\csname c@mv@\math@version\endcsname\@ne
5123 \else
5124 \let#1\relax
5125 \@latex@error{Too many math alphabets used
5126 in version \math@version}%
5127 \@eha
5128 \fi
5129 \else \expandafter\non@alpherr\fi
5130 #1{#4}%
5131 }%
5132 }
5133 \ExplSyntaxOn
5134 \bool_set_false:N \g__fontspec_math_bool
5135 \tl_map_inline:nn
5136 {
5137 \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
5138 \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
5139 \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
5140 \version@list\version@elt\alpha@list\alpha@elt
5141 \restore@mathversion\init@restore@version\dorestore@version\process@table
5142 \new@mathversion\DeclareSymbolFont\group@list\group@elt
5143 \new@symbolfont\SetSymbolFont\SetSymbolFont@get@cdp
5144 \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
5145 \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
5146 \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter

```



```

5147 \DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
5148 \set@mathdelimiter\DeclareMathRadical\mathchar@type
5149 \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
5150 }
5151 {
5152 \tl_remove_once:Nn \@preamblecmds {\do#1}
5153 }
5154 \ExplSyntaxOff
5155 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitspec}{#1}}
5156 \newcommand\SetMathCode[4]{%
5157 \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5158 \newcommand\SetMathCharDef[4]{%
5159 \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
5160 \ExplSyntaxOn
5161 \cs_new_eq:NN \orig_mathbf:n \mathbf
5162 \cs_new_eq:NN \orig_mathit:n \mathit
5163 \cs_new_eq:NN \orig_mathrm:n \mathrm
5164 \cs_new_eq:NN \orig_mathsf:n \mathsf
5165 \cs_new_eq:NN \orig_mathtt:n \mathtt
5166 \NewDocumentCommand \new@mathbf { m } {
5167 \orig_mathbf:n {
5168 \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5169 \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
5170 }
5171 #1
5172 }
5173 }
5174 \NewDocumentCommand \new@mathit { m } {
5175 \orig_mathit:n {
5176 \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5177 \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
5178 }
5179 #1
5180 }
5181 }
5182 \NewDocumentCommand \new@mathrm { m } {
5183 \orig_mathrm:n {
5184 \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5185 \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
5186 }
5187 #1
5188 }
5189 }
5190 \NewDocumentCommand \new@mathsf { m } {
5191 \orig_mathsf:n {
5192 \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5193 \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
5194 }
5195 #1
5196 }

```



```

5197 }
5198 \NewDocumentCommand \new@mathtt{ m } {
5199   \orig_mathtt:n {
5200     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
5201       \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
5202     }
5203     #1
5204   }
5205 }
5206
5207 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }
5208 {
5209   \__xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5210 }
5211 \cs_new:Nn \__xepersian_main_setmathdigitfont:nn
5212 {
5213   \let\glb@currsz\relax
5214   \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Mapping=parsidigits,#1} {#2}
5215   \__xepersian_setmathdigitfont_hook:nn {#1} {#2}
5216   \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5217   \DeclareSymbolFont{OPERATORS}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5218   \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5219   \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5220   \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5221   \def\persianmathsdigits{%
5222     \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5223     \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5224     \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5225     \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5226     \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5227     \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5228     \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5229     \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5230     \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5231     \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5232     \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5233     \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5234     \tl_set_eq:NN \mathbf \new@mathbf
5235     \tl_set_eq:NN \mathit \new@mathit
5236     \tl_set_eq:NN \mathrm \new@mathrm
5237   }
5238
5239 \cs_set_eq:NN \__xepersian_setmathdigitfont_hook:nn \use_none:nn
5240
5241 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5242 {
5243   \__xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5244 }
5245 \cs_new:Nn \__xepersian_main_setmathsfdigitfont:nn
5246 {

```



```

5247 \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5248 \__xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5249 \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsf
5250 \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5251 }
5252
5253 \cs_set_eq:NN \__xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5254
5255 \DeclareDocumentCommand \setmathttdigitfont { 0{} m 0{} }
5256 {
5257 \__xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}
5258 }
5259 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5260 {
5261 \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5262 \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5263 \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5264 \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5265 }
5266
5267 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5268
5269 \ExplSyntaxOff
5270 \ifx\newcommand\undefined\else
5271 \newcommand{\ZifferAn}{}
5272 \fi
5273 \mathchardef\ziffer@DotOri="013A
5274 {\ZifferAn
5275 \catcode\.\=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5276 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5277 \def\ziffer@check#1#2{%
5278 \ifx\n1\endgroup#1\else
5279 \ifx\n2\endgroup#1\else
5280 \ifx\n3\endgroup#1\else
5281 \ifx\n4\endgroup#1\else
5282 \ifx\n5\endgroup#1\else
5283 \ifx\n6\endgroup#1\else
5284 \ifx\n7\endgroup#1\else
5285 \ifx\n8\endgroup#1\else
5286 \ifx\n9\endgroup#1\else
5287 \ifx\n0\endgroup#1\else
5288 \ifx\n\overline\endgroup#1\else
5289 \endgroup#2%
5290 \fi
5291 \fi
5292 \fi
5293 \fi
5294 \fi
5295 \fi
5296 \fi

```




```

5297     \fi
5298     \fi
5299     \fi
5300 \fi}
5301 \mathcode`.="8000\relax
5302 \def\ZifferLeer{\ifx\decimalseparator\undefined .\else \decimalseparator\fi}
5303 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5304 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5305 \def\DefaultMathsDigits{%
5306     \DefaultInlineMathsDigits%
5307     \DefaultDisplayMathsDigits%
5308 }
5309 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5310 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5311 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5312 \ifx\persianmathttdigits\undefined\else\persianmathttdigits\fi}}
5313 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5314 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5315 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5316 \ifx\persianmathttdigits\undefined\else\persianmathttdigits\fi}}
5317 \def\PersianMathsDigits{%
5318     \PersianInlineMathsDigits%
5319     \PersianDisplayMathsDigits%
5320 }
5321 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5322 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5323 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5324 \ifx\persianmathttdigits\undefined\else\if@nonlatin\persianmathttdigits\fi\fi}}
5325 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5326 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5327 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5328 \ifx\persianmathttdigits\undefined\else\if@nonlatin\persianmathttdigits\fi\fi}}
5329 \def\AutoMathsDigits{%
5330     \AutoInlineMathsDigits%
5331     \AutoDisplayMathsDigits%
5332 }
5333 \AutoMathsDigits
5334 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5335     \let\SetDisplayMathsDigits\relax%
5336 }
5337 \everydisplay\expandafter{%
5338     \the\everydisplay\SetDisplayMathsDigits%
5339     \let\SetInlineMathsDigits\relax%
5340 }

```

60 File xepersian-multiplechoice.sty

```

5341 \NeedsTeXFormat{LaTeX2e}
5342 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5343     Multiple Choice Questionnaire class for Persian in XeLaTeX]

```



```

5344 \RequirePackage{pifont}
5345 \RequirePackage{fullpage}
5346 \RequirePackage{ifthen}
5347 \RequirePackage{calc}
5348 \RequirePackage{verbatim}
5349 \RequirePackage{tabularx}
5350 \def\@headerfont{\bfseries}
5351 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5352 \def\@X{X}
5353 \newcommand\X[1]{\gdef\@X{#1}}
5354 \def\pbs#1{\let\tmp=\#1\let\=\tmp}
5355 \newcolumntype{D}{>\pbs\centering}X}
5356 \newcolumntype{Q}{>\@headerfont}X}
5357
5358 \renewcommand\tabularxcolumn[1]{m{#1}}
5359 \newcommand\makeform@nocorrection{%
5360   \addtocontents{frm}{\protect\end{tabularx}}
5361   \starttoc{frm}}
5362 \newcommand\makeform@correction{%
5363   \addtocontents{frm}{\protect\end{tabularx}}}
5364 \newcommand\makemask@nocorrection{%
5365   \addtocontents{msk}{\protect\end{tabularx}}
5366   \starttoc{msk}}
5367 \newcommand\makemask@correction{%
5368   \addtocontents{msk}{\protect\end{tabularx}}}
5369 \newlength\questionspace
5370 \setlength\questionspace{Opt}
5371 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5372 \def\@answerstitlefont{\bfseries}
5373 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5374 \def\@answernumberfont{\bfseries}
5375 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5376 \newcounter{question}\stepcounter{question}
5377 \newcounter{@choice}
5378 \def\@initorcheck{%
5379   \xdef\@choices{\the@choice}%
5380   \setcounter{choice}{1}%
5381   \gdef\@arraydesc{|Q||}%
5382   \gdef\@headerline{}%
5383   \whiledo{\not\value{choice}>\@choices}}{
5384     \xdef\@arraydesc{\@arraydesc D|}
5385     \def\@appendheader{\g@addto@macro\@headerline}
5386     \appendheader{&\protect\@headerfont}
5387     \edef\@the@choice{\alph{choice}}
5388     \expandafter\@appendheader\@the@choice
5389     \stepcounter{choice}}%
5390   \addtocontents{frm}{%
5391     \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5392     \protect\hline
5393     \@headerline\protect\\\protect\hline\protect\hline}%

```



```

5394 \addtocontents{msk}{%
5395   \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5396   \protect\hline
5397   \@headerline\protect\\\protect\hline\protect\hline}%
5398 \gdef\@initorcheck{%
5399   \ifthenelse{\value{@choice} = \@choices}{\}%
5400   \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5401     (\the@choice\space instead of \@choices)}{\%
5402     Questions must all have the same number of proposed answers.%
5403     \MessageBreak
5404     Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}}%
5405 \newenvironment{question}[1]{%
5406   %% \begin{question}
5407   \begin{minipage}{\textwidth}
5408     \xdef\@formanswerline{\@questionheader}%
5409     \xdef\@maskanswerline{\@questionheader}%
5410     \fbox{\parbox[c]{\linewidth}{#1}}
5411     \vspace\questionspace\par
5412     {\@answerstitlefont\@answerstitle}
5413     \begin{list}{\@answerfont\alph{@choice}}~{\usecounter{@choice}}{\%
5414   %% \end{question}
5415     \end{list}
5416     \@initorcheck%
5417     \addtocontents{frm}{\@formanswerline\protect\\\protect\hline}%
5418     \addtocontents{msk}{\@maskanswerline\protect\\\protect\hline}%
5419   \end{minipage}
5420   \stepcounter{question}}
5421 \def\@truesymbol{\ding{52}~}
5422 \def\@falsesymbol{\ding{56}~}
5423 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5424 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{#1}}
5425 \def\@true@nocorrection{\item}
5426 \def\@false@nocorrection{\item}
5427 \def\@true@correction{\item[\@truesymbol\refstepcounter{@choice}]}
5428 \def\@false@correction{\item[\@falsesymbol\refstepcounter{@choice}]}
5429 \newcommand\true{%
5430   \xdef\@formanswerline{\@formanswerline\&}%
5431   \xdef\@maskanswerline{\@maskanswerline\&\X}%
5432   \@true}%
5433 \newcommand>false{%
5434   \xdef\@formanswerline{\@formanswerline\&}%
5435   \xdef\@maskanswerline{\@maskanswerline\&}%
5436   \@false}%
5437 \def\@correctionstyle{\itshape}
5438 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5439 \newenvironment{correction}{\@correctionstyle}{\%
5440   \def\@questionheader{\thequestion}
5441   \answerstitle{:}
5442   \DeclareOption{nocorrection}{\%
5443     \let\@true\@true@nocorrection

```



```

5444 \let\@false\@false@nocorrection
5445 \let\correction\comment
5446 \let\endcorrection\endcomment
5447 \def\makeform{\makeform@nocorrection}
5448 \def\makemask{\makemask@nocorrection}}
5449 \DeclareOption{correction}{%
5450 \let\@true\@true@correction
5451 \let\@false\@false@correction
5452 \let\correction\@correction
5453 \let\endcorrection\end@correction
5454 \def\makeform{\makeform@correction}
5455 \def\makemask{\makemask@correction}}
5456 \ExecuteOptions{nocorrection}
5457 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5458 \def\@questiontitlefont{\bfseries}
5459 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}
5460 \newlength\questiontitlespace
5461 \setlength\questiontitlespace{5pt}
5462 \newlength\questionsepspace
5463 \setlength\questionsepspace{20pt}
5464 \gdef\@questionsepspace{0pt}
5465 \let\old@question\question
5466 \let\old@endquestion\endquestion
5467 \renewenvironment{question}[1]{%
5468 %% \begin{question}
5469 \vspace\@questionsepspace
5470 \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5471 \nopagebreak\vspace\questiontitlespace\par
5472 \old@question{#1}}{%
5473 %% \end{question}
5474 \old@endquestion
5475 \gdef\@questionsepspace{\questionsepspace}}
5476 \questiontitle{ \thequestion:}
5477 \ProcessOptions

```

61 File xepersian-persiancal.sty

```

5478 \NeedsTeXFormat{LaTeX2e}
5479 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5480
5481 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5482 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5483 \newcount\XePersian@latini \newcount\XePersian@persiani
5484 \newcount\XePersian@latinii \newcount\XePersian@persianii
5485 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5486 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5487 \newcount\XePersian@latinv \newcount\XePersian@persianv
5488 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5489 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5490 \newcount\XePersian@latinviii \newcount\XePersian@persianviii

```



```

5491 \newcount\XePersian@latinix \newcount\XePersian@persianix
5492 \newcount\XePersian@latinx \newcount\XePersian@persianx
5493 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5494 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5495 \newcount\XePersian@persianxiii
5496
5497 \newcount\XePersian@temp
5498 \newcount\XePersian@temptwo
5499 \newcount\XePersian@tempthree
5500 \newcount\XePersian@yModHundred
5501 \newcount\XePersian@thirtytwo
5502 \newcount\XePersian@dn
5503 \newcount\XePersian@sn
5504 \newcount\XePersian@mminusone
5505
5506
5507 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5508 \XePersian@temp=\XePersian@y
5509 \divide\XePersian@temp by 100\relax
5510 \multiply\XePersian@temp by 100\relax
5511 \XePersian@yModHundred=\XePersian@y
5512 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5513 \ifodd\XePersian@yModHundred
5514 \XePersian@leapfalse
5515 \else
5516 \XePersian@temp=\XePersian@yModHundred
5517 \divide\XePersian@temp by 2\relax
5518 \ifodd\XePersian@temp\XePersian@leapfalse
5519 \else
5520 \ifnum\XePersian@yModHundred=0%
5521 \XePersian@temp=\XePersian@y
5522 \divide\XePersian@temp by 400\relax
5523 \multiply\XePersian@temp by 400\relax
5524 \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5525 \else\XePersian@leaptrue
5526 \fi
5527 \fi
5528 \fi
5529 \XePersian@latini=31\relax
5530 \ifXePersian@leap
5531 \XePersian@latinii = 29\relax
5532 \else
5533 \XePersian@latinii = 28\relax
5534 \fi
5535 \XePersian@latiniii = 31\relax
5536 \XePersian@latiniv = 30\relax
5537 \XePersian@latinv = 31\relax
5538 \XePersian@latinvi = 30\relax
5539 \XePersian@latinvii = 31\relax
5540 \XePersian@latinviii = 31\relax

```



```

5541 \XePersian@latinix = 30\relax
5542 \XePersian@latinx = 31\relax
5543 \XePersian@latinxi = 30\relax
5544 \XePersian@latinxii = 31\relax
5545 \XePersian@thirtytwo=32\relax
5546 \XePersian@temp=\XePersian@y
5547 \advance\XePersian@temp by -17\relax
5548 \XePersian@temptwo=\XePersian@temp
5549 \divide\XePersian@temptwo by 33\relax
5550 \multiply\XePersian@temptwo by 33\relax
5551 \advance\XePersian@temp by -\XePersian@temptwo
5552 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalse
5553 \else
5554   \XePersian@temptwo=\XePersian@temp
5555   \divide\XePersian@temptwo by 4\relax
5556   \multiply\XePersian@temptwo by 4\relax
5557   \advance\XePersian@temp by -\XePersian@temptwo
5558   \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5559 \fi
5560 \XePersian@tempthree=\XePersian@y % Number of Leap years
5561 \advance\XePersian@tempthree by -1
5562 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5563 \divide\XePersian@temp by 4\relax
5564 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5565 \divide\XePersian@temptwo by 100\relax
5566 \advance\XePersian@temp by -\XePersian@temptwo
5567 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5568 \divide\XePersian@temptwo by 400\relax
5569 \advance\XePersian@temp by \XePersian@temptwo
5570 \advance\XePersian@tempthree by -611 % Number of Kabise years
5571 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5572 \divide\XePersian@temptwo by 33\relax
5573 \multiply\XePersian@temptwo by 8\relax
5574 \advance\XePersian@temp by -\XePersian@temptwo
5575 \XePersian@temptwo=\XePersian@tempthree %
5576 \divide\XePersian@temptwo by 33\relax
5577 \multiply\XePersian@temptwo by 33\relax
5578 \advance\XePersian@tempthree by -\XePersian@temptwo
5579 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T
5580 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5581 \advance\XePersian@temp by -\XePersian@tempthree
5582 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5583 \XePersian@persiani=31
5584 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5585 \XePersian@persianii = 30\relax
5586 \ifXePersian@kabiseh
5587   \XePersian@persianiii = 30\relax
5588 \else
5589   \XePersian@persianiii = 29\relax
5590 \fi

```



```

5591 \XePersian@persianiv = 31\relax
5592 \XePersian@persianv = 31\relax
5593 \XePersian@persianvi = 31\relax
5594 \XePersian@persianvii = 31\relax
5595 \XePersian@persianviii= 31\relax
5596 \XePersian@persianix = 31\relax
5597 \XePersian@persianx = 30\relax
5598 \XePersian@persianxi = 30\relax
5599 \XePersian@persianxii = 30\relax
5600 \XePersian@persianxiii= 30\relax
5601 \XePersian@dn= 0\relax
5602 \XePersian@sn= 0\relax
5603 \XePersian@mminusone=\XePersian@m
5604 \advance\XePersian@mminusone by -1\relax
5605 \XePersian@i=0\relax
5606 \ifnum\XePersian@i < \XePersian@mminusone
5607 \loop
5608 \advance \XePersian@i by 1\relax
5609 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5610 \ifnum\XePersian@i<\XePersian@mminusone \repeat
5611 \fi
5612 \advance \XePersian@dn by \XePersian@d
5613 \XePersian@i=1\relax
5614 \XePersian@sn = \XePersian@persiani
5615 \ifnum \XePersian@sn<\XePersian@dn
5616 \loop
5617 \advance \XePersian@i by 1\relax
5618 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5619 \ifnum \XePersian@sn<\XePersian@dn \repeat
5620 \fi
5621 \ifnum \XePersian@i < 4
5622 \XePersian@m = 9 \advance\XePersian@m by \XePersian@i
5623 \advance \XePersian@y by -622\relax
5624 \else
5625 \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5626 \advance \XePersian@y by -621\relax
5627 \fi
5628 \advance\XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i%
5629 \endcsname
5630 \ifnum\XePersian@i = 1
5631 \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance\XePersian@d by -\XePersian@
5632 \else
5633 \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5634 \fi
5635 \newcommand*{\persiantoday}{%
5636 \number\XePersian@d\space%
5637 \XePersian@persian@month{\XePersian@m}\space\number\XePersian@y%
5638 }
5639 \let\persianyear\XePersian@y
5640 \let\persianmonth\XePersian@m

```



```

5641 \let\persianday\XePersian@d
5642 \def\XePersian@persian@month#1{\ifcase#1\or or\
5643 or\
5644 or\    or\
5645 or\
5646 or\    or\
5647 or\    or\
5648 or\    or\
5649 {fi\

```



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