



The XePersian Package

Source documentation for version 21.4

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

<https://www.paypal.me/persiantex>

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 21.4](#)

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1 File algorithmic-xepersian.def

```

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

```

2 File algorithm-xepersian.def

```

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

```

3 File amsart-xepersian.def

```

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

```

4 File amsbook-xepersian.def

```

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

```



```

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

```

5 File appendix-xepersian.def

```

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

```

6 File article-xepersian.def

```

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

```

7 File artikel1-xepersian.def

```

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

```

8 File artikel2-xepersian.def

```

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

```



```

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

```

9 File artikel3-xepersian.def

```

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

```

10 File backref-xepersian.def

```

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

```

11 File bidentuftsidenote-xepersian.def

```

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

```

12 File bidimoderncv-xepersian.def



```

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

```

13 File boek3-xepersian.def

```

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

```

14 File boek-xepersian.def

```

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

```

15 File bookest-xepersian.def

```

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

```

16 File book-xepersian.def

```

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

```



```

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

```

17 File breqn-xepersian.def

```

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

```



18 File latex-localise-commands-xepersian.def

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




```

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

```



```

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

```



```

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

```



```

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

```



```

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

```



```

473 \eqcommand{ }{headtoname}
474 \eqcommand{ }{heartsuit}
475 \eqcommand{ }{height}
476 \eqcommand{ }{hfil}
477 \eqcommand{ }{hfill}
478 \eqcommand{ }{hfilneg}
479 \eqcommand{ }{hfuzz}
480 \eqcommand{ }{hideskip}
481 \eqcommand{ }{hidewidth}
482 \bidi@csletcs{ }{hline}% this is an exception
483 \eqcommand{ }{hoffset}
484 \eqcommand{ }{holdinginserts}
485 \eqcommand{ }{hrboxsep}
486 \eqcommand{ }{hrule}
487 \eqcommand{ }{hrulefill}
488 \eqcommand{ }{hsize}
489 \eqcommand{ }{hskip}
490 \eqcommand{ }{hspace}
491 \eqcommand{ }{hss}
492 \eqcommand{ }{ht}
493 \eqcommand{ }{huge}
494 \eqcommand{ }{Huge}
495 \eqcommand{ }{hyperlink}
496 \eqcommand{ }{hypersetup}
497 \eqcommand{ }{hypertarget}
498 \eqcommand{ }{hyphenation}
499 \eqcommand{ }{hyphenchar}
500 \eqcommand{ }{hyphenpenalty}
501 \eqcommand{@ }{@ifclassloaded}
502 \eqcommand{@ }{@ifdefinable}
503 \eqcommand{@ }{@ifnextchar}
504 \eqcommand{@ }{@ifpackageloaded}
505 \eqcommand{@ }{@ifstar}
506 \eqcommand{@ }{@ifundefined}
507 \eqcommand{ }{if}
508 \eqcommand{ @ }{if@tempswa}
509 \eqcommand{ }{ifcase}
510 \eqcommand{ }{ifcat}
511 \eqcommand{ }{ifdefined}
512 \eqcommand{ }{ifdim}
513 \eqcommand{ }{ifeof}
514 \eqcommand{ }{iff}
515 \eqcommand{ }{iffalse}
516 \eqcommand{ }{IfFileExists}
517 \eqcommand{ }{ifhbox}
518 \eqcommand{ }{ifhmode}
519 \eqcommand{ }{ifinner}
520 \eqcommand{ }{ifmmode}
521 \eqcommand{ }{ifnum}
522 \eqcommand{ }{ifodd}

```



```

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

```



```

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

```




```

623 \eqcommand{ @ }{@Miii}
624 \eqcommand{ @ }{@Miv}
625 \eqcommand{ @ }{@MM}
626 \eqcommand{ @ }{@m@ne}
627 \eqcommand{ }{mag}
628 \eqcommand{ }{magstep}
629 \eqcommand{ }{magstephalf}
630 \eqcommand{ }{mainmatter}
631 \eqcommand{ }{makeatletter}
632 \eqcommand{ }{makeatother}
633 \eqcommand{ }{makebox}
634 \eqcommand{ }{makeglossary}
635 \eqcommand{ }{makeindex}
636 \eqcommand{ }{makelabel}
637 \eqcommand{ }{makelabels}
638 \eqcommand{ }{MakeLowercase}
639 \eqcommand{ }{maketitle}
640 \eqcommand{ }{MakeUppercase}
641 \eqcommand{ }{marginpar}
642 \eqcommand{ }{marginparpush}
643 \eqcommand{ }{marginparsep}
644 \eqcommand{ }{marginparwidth}
645 \eqcommand{ }{mark}
646 \eqcommand{ }{markboth}
647 \eqcommand{ }{markright}
648 \eqcommand{ }{mathaccent}
649 \eqcommand{ }{mathchar}
650 \eqcommand{ }{mathchardef}
651 \eqcommand{ }{mathcode}
652 \eqcommand{ }{mathrm}
653 \eqcommand{ }{maxdeadcycles}
654 \eqcommand{ }{maxdepth}
655 \eqcommand{ }{maxdimen}
656 \eqcommand{ }{mbox}
657 \eqcommand{ }{mdseries}
658 \eqcommand{ }{meaning}
659 \eqcommand{ }{mediumseries}
660 \eqcommand{ }{medmuskip}
661 \eqcommand{ }{medskip}
662 \eqcommand{ }{medskipamount}
663 \eqcommand{ }{medspace}
664 \eqcommand{ }{message}
665 \eqcommand{ }{MessageBreak}
666 \eqcommand{ }{minrowclearance}
667 \eqcommand{ }{mkern}
668 \eqcommand{ }{month}
669 \eqcommand{ }{moveleft}
670 \eqcommand{ }{moveright}
671 \eqcommand{ }{mskip}
672 \eqcommand{ @ }{@m@th}

```



```

673 \eqcommand{      }{multicolumn}
674 \eqcommand{ }{multiply}
675 \eqcommand{      }{multispan}
676 \eqcommand{      }{muskip}
677 \eqcommand{      }{muskipdef}
678 \eqcommand{@      }{@namedef}
679 \eqcommand{@      }{@nameuse}
680 \eqcommand{ @}{@ne}
681 \eqcommand{ }{name}
682 \eqcommand{ }{natural}
683 \eqcommand{ }{nearrow}
684 \eqcommand{ }{nearrower}
685 \eqcommand{      }{NeedsTeXFormat}
686 \eqcommand{ }{neg}
687 \eqcommand{      }{negmedspace}
688 \eqcommand{      }{negthickspace}
689 \eqcommand{      }{negthinspace}
690 \eqcommand{ }{newboolean}
691 \eqcommand{ }{newbox}
692 \eqcommand{ }{newcommand}
693 \eqcommand{ }{newcount}
694 \eqcommand{ }{newcounter}
695 \eqcommand{ }{newdimen}
696 \eqcommand{ }{newenvironment}
697 \eqcommand{ }{newfam}
698 \eqcommand{ }{newfont}
699 \eqcommand{ }{newhelp}
700 \eqcommand{ }{newinsert}
701 \eqcommand{ }{newlabel}
702 \eqcommand{ }{newlength}
703 \eqcommand{ }{newline}
704 \eqcommand{ }{newlinechar}
705 \eqcommand{ }{newmuskip}
706 \eqcommand{ }{newpage}
707 \eqcommand{ }{newread}
708 \eqcommand{ }{newsavebox}
709 \eqcommand{ }{newskip}
710 \eqcommand{ }{newtheorem}
711 \eqcommand{ }{newtoks}
712 \eqcommand{ }{newwrite}
713 \eqcommand{ }{noalign}
714 \eqcommand{ }{nobreak}
715 \eqcommand{      }{nobreakspace}
716 \eqcommand{ }{nocite}
717 \eqcommand{ }{noexpand}
718 \eqcommand{ }{nofiles}
719 \eqcommand{ }{noindent}
720 \eqcommand{      }{nointerlineskip}
721 \eqcommand{ }{nolimits}
722 \eqcommand{      }{nolinebreak}

```



```

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

```



```

773 \eqcommand{      }{pagefilllstretch}
774 \eqcommand{      }{pagefillstretch}
775 \eqcommand{      }{pagefilstretch}
776 \eqcommand{      }{pagegoal}
777 \eqcommand{      }{pagename}
778 \eqcommand{      }{pagenumbering}
779 \eqcommand{      }{pageref}
780 \eqcommand{      }{pagerulewidth}
781 \eqcommand{      }{pageshrink}
782 \eqcommand{      }{pagestretch}
783 \eqcommand{      }{pagestyle}
784 \eqcommand{      }{pagetotal}
785 \eqcommand{      }{paperheight}
786 \eqcommand{      }{paperwidth}
787 \bidi@csdefcs{ }{par}% this is an exception since \par is redefined only in some circumstances
788 \eqcommand{      }{paragraph}
789 \eqcommand{      }{parallel}
790 \eqcommand{      }{parbox}
791 \eqcommand{      }{parfillskip}
792 \eqcommand{      }{parindent}
793 \eqcommand{      }{parsep}
794 \eqcommand{      }{parshape}
795 \eqcommand{      }{parskip}
796 \eqcommand{ }{part}
797 \eqcommand{      }{partname}
798 \eqcommand{      }{partopsep}
799 \eqcommand{      }{PassOptionToClass}
800 \eqcommand{      }{PassOptionToPackage}
801 \eqcommand{ }{path}
802 \eqcommand{      }{patterns}
803 \eqcommand{ }{pausing}
804 \eqcommand{      }{penalty}
805 \eqcommand{ }{phantom}
806 \eqcommand{      }{poptabs}
807 \eqcommand{      }{postdisplaypenalty}
808 \eqcommand{      }{predisplaydirection}
809 \eqcommand{      }{predisplaypenalty}
810 \eqcommand{      }{predisplaysize}
811 \eqcommand{      }{pretolerance}
812 \eqcommand{      }{prevdepth}
813 \eqcommand{      }{prevgraf}
814 \eqcommand{      }{printindex}
815 \eqcommand{      }{ProcessOptions}
816 \eqcommand{ }{protect}
817 \eqcommand{      }{providecommand}
818 \eqcommand{      }{ProvidesClass}
819 \eqcommand{      }{ProvidesFile}
820 \eqcommand{      }{ProvidesPackage}
821 \eqcommand{      }{pushtabs}
822 \eqcommand{      }{quad}

```



```

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

```



```

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

```



```

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

```



```

973 \eqcommand{      }{\textbullet}
974 \eqcommand{      }{\textfont}
975 \eqcommand{      }{\textemdash}
976 \eqcommand{      }{\textendash}
977 \eqcommand{      }{\textexclamdown}
978 \eqcommand{      }{\textperiodcentered}
979 \eqcommand{      }{\textquestiondown}
980 \eqcommand{      }{\textquotedblleft}
981 \eqcommand{      }{\textquotedblright}
982 \eqcommand{      }{\textquoteleft}
983 \eqcommand{      }{\textquoteright}
984 \eqcommand{      }{\textvisiblespace}
985 \eqcommand{      }{\textbackslash}
986 \eqcommand{      }{\textbar}
987 \eqcommand{      }{\textgreater}
988 \eqcommand{      }{\textless}
989 \eqcommand{      }{\textbf}
990 \eqcommand{      }{\textcircled}
991 \eqcommand{      }{\textcolor}
992 \eqcommand{      }{\textcompwordmark}
993 \eqcommand{      }{\textfloatsep}
994 \eqcommand{      }{\textfraction}
995 \eqcommand{      }{\textheight}
996 \eqcommand{      }{\textindent}
997 \eqcommand{      }{\textit}
998 \eqcommand{      }{\textmd}
999 \eqcommand{      }{\textnormal}
1000 \eqcommand{     }{\textregistered}
1001 \eqcommand{     }{\textrm}
1002 \eqcommand{     }{\textsc}
1003 \eqcommand{     }{\textsf}
1004 \eqcommand{     }{\textsl}
1005 \eqcommand{     }{\textstyle}
1006 \eqcommand{     }{\textsuperscript}
1007 \eqcommand{     }{\texttrademark}
1008 \eqcommand{     }{\texttt}
1009 \eqcommand{     }{\textup}
1010 \eqcommand{     }{\textwidth}
1011 \eqcommand{     }{\thanks}
1012 \eqcommand{     }{\the}
1013 \eqcommand{     }{\thempfn}
1014 \eqcommand{     }{\thicklines}
1015 \eqcommand{     }{\thickmuskip}
1016 \eqcommand{     }{\thinmuskip}
1017 \eqcommand{     }{\thickspace}
1018 \eqcommand{     }{\thinlines}
1019 \eqcommand{     }{\thinspace}
1020 \eqcommand{     }{\thisfancy page}
1021 \eqcommand{     }{\thispagestyle}
1022 \eqcommand{ @ }{\thr@@}

```




```

1023 \eqcommand{ }{\tilde}
1024 \eqcommand{ }{\tiny}
1025 \eqcommand{ }{\time}
1026 \eqcommand{ }{\times}
1027 \eqcommand{ }{\title}
1028 \eqcommand{ }{\to}
1029 \eqcommand{ }{\today}
1030 \eqcommand{ }{\toks}
1031 \eqcommand{ }{\toksdef}
1032 \eqcommand{ }{\tolerance}
1033 \eqcommand{ }{\top}
1034 \eqcommand{ }{\topfigrule}
1035 \eqcommand{ }{\topfraction}
1036 \eqcommand{ }{\topmargin}
1037 \eqcommand{ }{\topmark}
1038 \eqcommand{ }{\toppageskip}
1039 \eqcommand{ }{\topsep}
1040 \eqcommand{ }{\topskip}
1041 \eqcommand{ }{\totalheight}
1042 \eqcommand{ }{\tracingall}
1043 \eqcommand{ }{\tracingcommands}
1044 \eqcommand{ }{\tracinglostchars}
1045 \eqcommand{ }{\tracingmacros}
1046 \eqcommand{ }{\tracingonline}
1047 \eqcommand{ }{\tracingoutput}
1048 \eqcommand{ }{\tracingpages}
1049 \eqcommand{ }{\tracingparagraphs}
1050 \eqcommand{ }{\tracingrestores}
1051 \eqcommand{ }{\tracingstats}
1052 \eqcommand{ }{\triangle}
1053 \eqcommand{ }{\ttdefault}
1054 \eqcommand{ }{\ttfamily}
1055 \eqcommand{ @}{\tw@}
1056 \eqcommand{ }{\twocolumn}
1057 \eqcommand{ }{\typein}
1058 \eqcommand{ }{\typeout}
1059 \eqcommand{ }{\uccode}
1060 \eqcommand{ }{\uchyph}
1061 \eqcommand{ }{\underline}
1062 \eqcommand{ }{\unhbox}
1063 \eqcommand{ }{\unhcopy}
1064 \eqcommand{ }{\unitlength}
1065 \eqcommand{ }{\unkern}
1066 \eqcommand{ }{\unpenalty}
1067 \eqcommand{ }{\unskip}
1068 \eqcommand{ }{\unvbox}
1069 \eqcommand{ }{\unvcopy}
1070 \eqcommand{ }{\updefault}
1071 \eqcommand{ }{\upshape}
1072 \eqcommand{ }{\usebox}

```



```

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

```

19 File color-localise-xepersian.def

```

1119 color}          \-localise-xepersian.def][2011/03/01 v0.1 localising color package]

```



```

1120 0}{rgb}{ } \0,,0}
1121 1}{rgb}{ } \1,,1}
1122 1}{rgb}{ } \0,,0}
1123 0}{rgb}{ } \1,,0}
1124 0}{rgb}{ } \0,,1}
1125 1}{cmyk}{ } \0,,0,0}
1126 0}{cmyk}{ } \1,,0,0}
1127 0}{cmyk}{ } \0,,1,0}

```

20 File xepersian-localise-commands-xepersian.def

```

1128 \ProvidesFile{xepersian-localise-commands-xepersian.def}[2012/07/25 v0.2 Persian localisation]
1129 \eqcommand{ }{autofootnoterule}
1130 \eqcommand{ }{AutoMathsDigits}
1131 \eqcommand{ }{DefaultMathsDigits}
1132 \eqcommand{ @ }{keyval@eq@alias@key}
1133 \eqcommand{ }{deflatinfont}
1134 \eqcommand{ }{defpersianfont}
1135 \eqcommand{ }{hboxL}
1136 \eqcommand{ }{hboxR}
1137 \eqcommand{ }{Latincite}
1138 \eqcommand{ }{latinfont}
1139 \eqcommand{ }{latintoday}
1140 \eqcommand{ }{leftfootnoterule}
1141 \eqcommand{ }{lr}
1142 \eqcommand{ }{LRE}
1143 \eqcommand{ }{LTRdblcol}
1144 \eqcommand{ }{LTRfootnote}
1145 \eqcommand{ }{LTRfootnotetext}
1146 \eqcommand{ }{LTRthanks}
1147 \eqcommand{ }{persianday}
1148 \eqcommand{ }{persianfont}
1149 \eqcommand{ }{PersianMathsDigits}
1150 \eqcommand{ }{persianmonth}
1151 \eqcommand{ }{persianyear}
1152 \eqcommand{ }{plq}
1153 \eqcommand{ }{prq}
1154 \eqcommand{ }{rightfootnoterule}
1155 \eqcommand{ }{rl}
1156 \eqcommand{ }{RLE}
1157 \eqcommand{ }{RTLdblcol}
1158 \eqcommand{ }{RTLfootnote}
1159 \eqcommand{ }{RTLfootnotetext}
1160 \eqcommand{ }{RTLthanks}
1161 \eqcommand{@ }{@SepMark}
1162 \eqcommand{ }{SepMark}
1163 \eqcommand{ }{setdefaultbibitems}
1164 \eqcommand{ }{setdefaultmarginpar}
1165 \eqcommand{ }{setmathdigitfont}
1166 \eqcommand{ }{setfootnoteLR}

```



```

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

```

```

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

```

```

1205 \ProvidesFile{enumitem-xepersian.def}[2017/09/06 v0.1 adaptations for enumitem package]
1206 \AddEnumerateCounter*\tartibi\@tartibi{999999999}
1207 \AddEnumerateCounter*\adadi\@adadi{999999999}
1208 \AddEnumerateCounter\harfi\@harfi{ }
1209 \AddEnumerateCounter\Abjad\@Abjad{ }
1210 \AddEnumerateCounter\abjad\@abjad{ }

```



```

1211 \SetEnumerateShortLabel{ }{\tartibi*}
1212 \SetEnumerateShortLabel{ }{\adadi*}
1213 \SetEnumerateShortLabel{ }{\harfi*}
1214 \SetEnumerateShortLabel{ }{\Abjad*}
1215 \SetEnumerateShortLabel{ }{\abjad*}

```

23 File latex-localise-environments-xepersian.def

```

1216 \ProvidesFile{latex-localise-environments-xepersian.def}[2010/07/25 v0.2 Persian localisation]
1217 \eqenvironment{ }{abstract}
1218 \eqenvironment{ }{appendix}
1219 \eqenvironment{ }{array}
1220 \eqenvironment{ }{center}
1221 \eqenvironment{ }{description}
1222 \eqenvironment{ }{displaymath}
1223 \eqenvironment{ }{document}
1224 \eqenvironment{ }{enumerate}
1225 \eqenvironment{ }{figure}
1226 \eqenvironment{ *}{figure*}
1227 \eqenvironment{ }{filecontents}
1228 \eqenvironment{ *}{filecontents*}
1229 \eqenvironment{ }{flushleft}
1230 \eqenvironment{ }{flushright}
1231 \eqenvironment{ }{itemize}
1232 \eqenvironment{ }{letter}
1233 \eqenvironment{ }{list}
1234 \eqenvironment{ }{longtable}
1235 \eqenvironment{ }{lrbox}
1236 \eqenvironment{ }{math}
1237 \eqenvironment{ }{matrix}
1238 \eqenvironment{ }{minipage}
1239 \eqenvironment{ }{multline}
1240 \eqenvironment{ }{note}
1241 \eqenvironment{ }{overlay}
1242 \eqenvironment{ }{picture}
1243 \eqenvironment{ }{quotation}
1244 \eqenvironment{ }{quote}
1245 \eqenvironment{ }{slide}
1246 \eqenvironment{ }{sloppypar}
1247 \eqenvironment{ }{split}
1248 \eqenvironment{ }{subarray}
1249 \eqenvironment{ }{tabbing}
1250 \eqenvironment{ }{table}
1251 \eqenvironment{ *}{table*}
1252 \eqenvironment{ }{tabular}
1253 \eqenvironment{ *}{tabular*}
1254 \eqenvironment{ }{thebibliography}
1255 \eqenvironment{ }{theindex}
1256 \eqenvironment{ }{titlepage}
1257 \eqenvironment{ }{trivlist}

```



```
1258 \eqenvironment{ }{verse}
```

24 File xepersian-localise-environments-xepersian.def

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

25 File extarticle-xepersian.def

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

26 File extbook-xepersian.def

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

27 File extrafootnotefeatures-xepersian.def

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

28 File extreport-xepersian.def

```
1292 \ProvidesFile{extreport-xepersian.def}[2010/07/25 v0.1 adaptations for extreport class]
```



```

1293 \renewcommand\thepart          {\@tartibi\c@part}
1294 \renewcommand\appendix{\par
1295   \setcounter{chapter}{0}%
1296   \setcounter{section}{0}%
1297   \gdef\@chapapp{\appendixname}%
1298   \gdef\thechapter{\@harfi\c@chapter}}

```

29 File flowfram-xepersian.def

```

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

```

30 File footnote-xepersian.def

```

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

```



31 File framed-xepersian.def

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

32 File glossaries-xepersian.def

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

33 File hyperref-xepersian.def

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

```




```

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

```

34 File `imsproc-xepersian.def`

```

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

```

35 File `kashida-xepersian.def`

```

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

```



```

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

```

36 File listings-xepersian.def

```

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

```

37 File loadingorder-xepersian.def



```

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

```

38 File localise-xepersian.def

```

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

```



```

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

```



```

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

```

39 File memoir-xepersian.def

```

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

```

40 File latex-localise-messages-xepersian.def

```

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

```

41 File minitoc-xepersian.def

```

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

```

42 File latex-localise-misc-xepersian.def

```

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

```



```

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

```



```

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

```



```

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

```




```

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

```



```

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

```



```

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

```



```

1901 \ifnum \@lastchclass = 10 \else
1902 \edef\@nextchar{\expandafter\string\@nextchar}%
1903 \@chnum
1904 \if \@nextchar c\z@ \else
1905 \if \@nextchar @z\ \else
1906 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
1907 \if \@nextchar \if@RTLtab else\ fi\@ne\ \else
1908 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1909 \if \@nextchar \if@RTLtab else\ @fi\tw\ \else
1910 \if \@nextchar C7 \else
1911 \if \@nextchar 7 \else
1912 \if \@nextchar L8 \else
1913 \if \@nextchar 8 \else
1914 \if \@nextchar R9 \else
1915 \if \@nextchar 9 \else
1916 \if \@nextchar J10 \else
1917 \if \@nextchar 10 \else
1918 \z@ \@chclass
1919 \if\@nextchar |\@ne \else
1920 \if \@nextchar !6 \else
1921 \if \@nextchar @7 \else
1922 \if \@nextchar <8 \else
1923 \if \@nextchar >9 \else
1924 10
1925 \@chnum
1926 \if \@nextchar m\thr@@\else
1927 \if \@nextchar thr@@\else\
1928 \if \@nextchar p4 \else
1929 \if \@nextchar4 \else
1930 \if \@nextchar b5 \else
1931 \if \@nextchar 5 \else
1932 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi\fi \fi \fi\fi \fi \fi \fi \fi \fi \fi \fi \fi
1933 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}%
1934 }{}
1935 \ifdefinitionfileloaded{float-xetex-bidi}{%
1936 \let\@float@Hx\@xfloat
1937 \def\@xfloat#1[{\@ifnextchar{H}{\@float@HH{#1}}]{\@ifnextchar{ }{\@float@{#1} []}{\@float@Hx{#1}}}
1938 \def\@float@HH#1[H]{%
1939 \expandafter\let\csname end#1\endcsname\float@endH
1940 \let\@currbox\float@box
1941 \def\@captive{#1}\setbox\@floatcapt=\vbox{%
1942 \expandafter\ifx\csname fst@#1\endcsname\relax
1943 \@flstylefalse\else\@flstyletrue\fi
1944 \setbox\@currbox\color@vbox\normalcolor
1945 \vbox\bgroup \hsize\columnwidth \@parboxrestore
1946 \@floatboxreset \@setnobreak
1947 \ignorespaces}
1948 \def\@float@[ ]1# {%
1949 \expandafter\let\csname end#1\endcsname\float@endH
1950 \let\@currbox\float@box

```



```

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

```

43 File natbib-xepersian.def

```

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

```



```

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

```



```

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

```



```

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

```




```

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

```

44 File packages-localise-xepersian.def

```

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

```



```

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

```



```

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

```



```

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

```

45 File parsidigits.map

```

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

```



```

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

```

46 File rapport1-xepersian.def

```

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

```

47 File rapport3-xepersian.def

```

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

```



48 File refrep-xepersian.def

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

49 File report-xepersian.def

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

50 File scrartcl-xepersian.def

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



```

2427 \fi
2428 \@maybeautodot
2429 }

```

51 File scrbook-xepersian.def

```

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

```

52 File screprt-xepersian.def

```

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

```



```

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

```

53 File soul-xepersian.def

```

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

```

54 File tkz-linknodes-xepersian.def

```

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

```




```

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

```

55 File tocloft-xepersian.def

```

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

```

56 File xepersian.sty

```

2528 \NeedsTeXFormat{LaTeX2e}
2529 \def\xepersian@version{21.4}
2530 \def\xepersiandate{2018/09/21}
2531 \ProvidesPackage{xepersian}[\xepersiandate\space v\xepersian@version\space
2532 Persian typesetting in XeLaTeX]
2533 \RequirePackage{fontspec}
2534 \RequirePackage{xepersian-persiancal}
2535 \RequirePackage{xepersian-mathsdigitspec}
2536 \RequirePackage{bidi}
2537 \edef\@xepersian@info{*****~J%
2538 * ~J%
2539 * xepersian package (Persian for LaTeX, using XeTeX engine)~J%
2540 * ~J%
2541 * Description: The package supports Persian~J%
2542 * typesetting, using fonts provided in the~J%
2543 * distribution.~J%
2544 * ~J%
2545 * Copyright (c) 2008--2018 Vafa Khalighi~J%
2546 * ~J%
2547 * v\xepersian@version, \xepersiandate~J%
2548 * ~J%
2549 * License: LaTeX Project Public License, version~J%
2550 * 1.3c or higher (your choice)~J%
2551 * ~J%
2552 * Location on CTAN: /macros/xetex/latex/xepersian~J%
2553 * ~J%
2554 * Issue tracker: https://sourceforge.net/p/persian-tex-dist/tickets~J%
2555 * ~J%
2556 * Support: https://lists.sourceforge.net/lists/listinfo/persian-tex-dist-discuss~J%
2557 * ~J%
2558 *****}

```



```

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

```



```

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

```



```

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

```



```

2709
2710 \tl_set_eq:NN \setlatinsansfont \setsansfont
2711 \tl_set_eq:NN \setlatinmonofont \setmonofont
2712
2713 \DeclareDocumentCommand \defpersianfont { m O{} m O{} }
2714 {
2715     \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2716     \NewDocumentCommand
2717 }
2718 \DeclareDocumentCommand \redefpersianfont { m O{} m O{} }
2719 {
2720     \__xepersian_main_defpersianfont:nnnN {#1} {#2,#4} {#3}
2721     \RenewDocumentCommand
2722 }
2723 \cs_new:Nn \__xepersian_main_defpersianfont:nnnN
2724 {
2725     \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Script=Parsi,Language=
2726     \use:x
2727     {
2728         \exp_not:N #4 \exp_not:N #1 {}
2729         {
2730             \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
2731             \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2732             \exp_not:N \selectfont
2733         }
2734     }
2735 }
2736
2737 \DeclareDocumentCommand \deflatinfont { m O{} m O{} }
2738 {
2739     \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
2740     \NewDocumentCommand
2741 }
2742 \DeclareDocumentCommand \redeflatinfont { m O{} m O{} }
2743 {
2744     \__xepersian_main_deflatinfont:nnnN {#1} {#2,#4} {#3}
2745     \RenewDocumentCommand
2746 }
2747 \cs_new:Nn \__xepersian_main_deflatinfont:nnnN
2748 {
2749     \fontspec_set_family:cnn { l__xepersian_ \cs_to_str:N #1 _family_tl } {Mapping=tex-text,#2}
2750     \use:x
2751     {
2752         \exp_not:N #4 \exp_not:N #1 {}
2753         {
2754             \exp_not:N \fontfamily { \use:c {l__xepersian_ \cs_to_str:N #1 _family_tl } }
2755             \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2756             \exp_not:N \selectfont
2757         }
2758     }

```



```

2759 }
2760
2761 \newcommand\persiansfdefault{}
2762 \newcommand\persianttdefault{}
2763 \newcommand\iranicsfdefault{}
2764 \newcommand\navarsfdefault{}
2765 \newcommand\pooksfdefault{}
2766 \newcommand\sayehsfdefault{}
2767 \DeclareRobustCommand\persiansffamily
2768     {\not@math@alphabet\persiansffamily\mathpersiansf
2769     \fontfamily\persiansfdefault\selectfont}
2770 \DeclareRobustCommand\persianttfamily
2771     {\not@math@alphabet\persianttfamily\mathpersiantt
2772     \fontfamily\persianttdefault\selectfont}
2773 \DeclareRobustCommand\iranicsffamily
2774     {\not@math@alphabet\iranicsffamily\mathiranics
2775     \fontfamily\iranicsfdefault\selectfont}
2776 \DeclareRobustCommand\navarsffamily
2777     {\not@math@alphabet\navarsffamily\mathnavar
2778     \fontfamily\navarsfdefault\selectfont}
2779 \DeclareRobustCommand\pooksffamily
2780     {\not@math@alphabet\pooksffamily\mathpook
2781     \fontfamily\pooksfdefault\selectfont}
2782 \DeclareRobustCommand\sayehsfamily
2783     {\not@math@alphabet\sayehsfamily\mathsayeh
2784     \fontfamily\sayehsfdefault\selectfont}
2785 \DeclareTextFontCommand{\textpersiansf}{\persiansffamily}
2786 \DeclareTextFontCommand{\textpersiantt}{\persianttfamily}
2787 \DeclareTextFontCommand{\textiranics}{\iranicsffamily}
2788 \DeclareTextFontCommand{\textnavar}{\navarsffamily}
2789 \DeclareTextFontCommand{\textpook}{\pooksffamily}
2790 \DeclareTextFontCommand{\textsayeh}{\sayehsfamily}
2791
2792 \DeclareDocumentCommand \setpersiansansfont { 0{} m 0{} }
2793 {
2794     \_xepersian_main_setpersiansansfont:nn {#1,#3} {#2}
2795     \ignorespaces
2796 }
2797 \cs_new:Nn \_xepersian_main_setpersiansansfont:nn
2798 {
2799     \fontspec_set_family:Nnn \l__xepersian_persiansffamily_family_tl {Script=Parsi,Language=Parsi}
2800     \tl_set_eq:NN \persiansfdefault \l__xepersian_persiansffamily_family_tl
2801     \use:x { \exp_not:n { \DeclareRobustCommand \persiansffamily }
2802     {
2803         \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2804         \exp_not:N \fontfamily { \l__xepersian_persiansffamily_family_tl }
2805         \exp_not:N \selectfont
2806     }
2807 }
2808 \str_if_eq:x:nnT {\familydefault} {\persiansfdefault}

```



```

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

```



```

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

```




```

2909 \cs_set_eq:NN \__xepersian_setsayehfont_hook:n \use_none:n
2910
2911
2912 \DeclareDocumentCommand \setiraniconfont { O{} m O{} }
2913 {
2914   \__xepersian_main_setiraniconfont:n {#1,#3} {#2}
2915   \ignorespaces
2916 }
2917 \cs_new:Nn \__xepersian_main_setiraniconfont:n
2918 {
2919   \fontspec_set_family:Nnn \l__xepersian_iranicfamily_family_tl {Script=Parsi,Language=Parsi,M
2920   \tl_set_eq:NN \iranicdefault \l__xepersian_iranicfamily_family_tl
2921   \use:x { \exp_not:n { \DeclareRobustCommand \iranicfamily }
2922     {
2923       \exp_not:N \fontencoding { \g__fontspec_nfss_enc_tl }
2924       \exp_not:N \fontfamily { \l__xepersian_iranicfamily_family_tl }
2925       \exp_not:N \selectfont
2926     }
2927   }
2928   \str_if_eq_x:nnT {\familydefault} {\iranicdefault}
2929     { \tl_set_eq:NN \encodingdefault \g__fontspec_nfss_enc_tl }
2930   \__xepersian_setiraniconfont_hook:n {#1} {#2}
2931   \normalfont
2932 }
2933
2934 \cs_set_eq:NN \__xepersian_setiraniconfont_hook:n \use_none:n
2935
2936 \ExplSyntaxOff
2937 \def\resetlatinfont{%
2938 \let\@xepersian@@fontsize@scale\xepersian@@fontsize@scale%
2939 \let\@xepersian@@baselineskip@scale\xepersian@@baselineskip@scale%
2940 \def\xepersian@@fontsize@scale{%
2941   \strip@pt\dimexpr 1pt * \dimexpr
2942   \xepersian@@latin@fontsize@scale pt\relax
2943   / \dimexpr \@xepersian@@fontsize@scale pt\relax\relax
2944 }%
2945 \def\xepersian@@baselineskip@scale{%
2946   \strip@pt\dimexpr 1pt * \dimexpr
2947   \xepersian@@latin@baselineskip@scale pt\relax
2948   / \dimexpr \@xepersian@@baselineskip@scale pt\relax\relax
2949 }%
2950 \@nonlatinfalse%
2951 \let\normalfont\latinfont%
2952 \let\reset@font\normalfont%
2953 \latinfont%
2954 \fontsize\f@size\f@baselineskip%
2955 \selectfont%
2956 \let\xepersian@@fontsize@scale\xepersian@@latin@fontsize@scale%
2957 \let\xepersian@@baselineskip@scale\xepersian@@latin@baselineskip@scale%
2958 }

```



```

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

```



```

3009 \newdimen\xepersian@ilg
3010 \newdimen\xepersian@strutilg
3011 \chardef\f@ur=4
3012 \newcommand*{\xepersian@computeautoilg}{% compute the interline glue
3013 \xepersian@tcl=1536\xepersian@ilg\z@\xepersian@strutilg\z@
3014 \loop
3015 \iffontchar\font\xepersian@tcl
3016 \ifdim\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl>\z@
3017 \ifdim\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl>\xepersian@ilg
3018 \xepersian@ilg=\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl
3019 \fi
3020 \else
3021 \ifdim\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl<\z@
3022 \ifdim-\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl>\xepersian@ilg
3023 \xepersian@ilg=-\xTeXglyphbounds\tw@ \the\xTeXcharglyph\xepersian@tcl
3024 \fi
3025 \fi
3026 \fi
3027 \ifdim\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl>\z@
3028 \ifdim\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3029 \xepersian@strutilg=\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl
3030 \fi
3031 \else
3032 \ifdim\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl<\z@
3033 \ifdim-\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl>\xepersian@strutilg
3034 \xepersian@strutilg=-\xTeXglyphbounds\f@ur \the\xTeXcharglyph\xepersian@tcl
3035 \fi
3036 \fi
3037 \fi
3038 \fi
3039 \advance\xepersian@tcl\@ne
3040 \ifnum\xepersian@tcl<1792\repeat
3041 \advance\xepersian@strutilg\xepersian@ilg
3042 % \ifdim\xepersian@strutilg>\baselineskip
3043 % \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3044 % \PackageInfo{xepersian}{baselineskip changed to that height+depth!}
3045 % \linespread{\strip@pt\dimexpr 1pt * \xepersian@strutilg / \baselineskip\relax}
3046 % \selectfont
3047 % \fi
3048 }
3049
3050 \newif\if@@textdigitfont@on
3051
3052 \newcommand{\TextDigitFontOn}{\@@textdigitfont@ontrue}
3053 \newcommand{\TextDigitFontOff}{\@@textdigitfont@onfalse}
3054
3055 \TextDigitFontOn
3056
3057 \newcommand*\xepersian@setlength[4]{%
3058 \ifdim #2<\ifdim #2=\z@ \z@ \else \p@\fi

```



```

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

```



```

3109 \abovedisplayskip \the\abovedisplayskip
3110 \abovedisplayshortskip \the\abovedisplayshortskip
3111 \belowdisplayskip \the\belowdisplayskip
3112 \belowdisplayshortskip \the\belowdisplayshortskip
3113 \let\noexpand\@listi\noexpand\@listI
3114 }%
3115 \setlength{\@tempdima}{0.9125\@tempdimc}%
3116 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3117 \xepersian@setlength{\abovedisplayskip}%
3118     {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3119 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3120 \xepersian@setlength{\belowdisplayshortskip}%
3121     {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3122 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3123 \edef\small{%
3124     \noexpand\@setfontsize\noexpand\small
3125     {\the\@tempdima}{\the\@tempdimb}%
3126     \abovedisplayskip \the\abovedisplayskip
3127     \abovedisplayshortskip \the\abovedisplayshortskip
3128     \belowdisplayskip \the\belowdisplayskip
3129     \belowdisplayshortskip \the\belowdisplayshortskip
3130     \let\noexpand\@listi\noexpand\@listi\small
3131 }%
3132 \setlength{\@tempdima}{.83334\@tempdimc}%
3133 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3134 \xepersian@setlength{\abovedisplayskip}%
3135     {.8333\@tempdimb}{.1667\@tempdimb}{.5\@tempdimb}%
3136 \xepersian@setlength{\abovedisplayshortskip}{\z@}{.25\@tempdimb}{\z@}%
3137 \xepersian@setlength{\belowdisplayshortskip}%
3138     {.5\@tempdimb}{.25\@tempdimb}{.25\@tempdimb}%
3139 \setlength{\belowdisplayskip}{\abovedisplayskip}%
3140 \edef\footnotesize{%
3141     \noexpand\@setfontsize\noexpand\footnotesize
3142     {\the\@tempdima}{\the\@tempdimb}%
3143     \abovedisplayskip \the\abovedisplayskip
3144     \abovedisplayshortskip \the\abovedisplayshortskip
3145     \belowdisplayskip \the\belowdisplayskip
3146     \belowdisplayshortskip \the\belowdisplayshortskip
3147     \let\noexpand\@listi\noexpand\@listi\footnotesize
3148 }%
3149 \setlength{\@tempdima}{.66667\@tempdimc}%
3150 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3151 \edef\scriptsize{%
3152     \noexpand\@setfontsize\noexpand\scriptsize
3153     {\the\@tempdima}{\the\@tempdimb}%
3154 }%
3155 \setlength{\@tempdima}{.5\@tempdimc}%
3156 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3157 \edef\tiny{%
3158     \noexpand\@setfontsize\noexpand\tiny

```



```

3159   {\the\@tempdima}{\the\@tempdimb}%
3160 }%
3161 \setlength{\@tempdima}{1.2\@tempdimc}%
3162 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3163 \edef\large{%
3164   \noexpand\setfontsize\noexpand\large
3165   {\the\@tempdima}{\the\@tempdimb}%
3166 }%
3167 \setlength{\@tempdima}{1.44\@tempdimc}%
3168 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3169 \edef\Large{%
3170   \noexpand\setfontsize\noexpand\Large
3171   {\the\@tempdima}{\the\@tempdimb}%
3172 }%
3173 \setlength{\@tempdima}{1.728\@tempdimc}%
3174 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3175 \edef\LARGE{%
3176   \noexpand\setfontsize\noexpand\LARGE
3177   {\the\@tempdima}{\the\@tempdimb}%
3178 }%
3179 \setlength{\@tempdima}{2.074\@tempdimc}%
3180 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3181 \edef\huge{%
3182   \noexpand\setfontsize\noexpand\huge
3183   {\the\@tempdima}{\the\@tempdimb}%
3184 }%
3185 \setlength{\@tempdima}{2.488\@tempdimc}%
3186 \setlength{\@tempdimb}{\@tempb\@tempdima}%
3187 \edef\Huge{%
3188   \noexpand\setfontsize\noexpand\Huge
3189   {\the\@tempdima}{\the\@tempdimb}%
3190 }%
3191 \normalsize
3192 \setlength{\@tempdimb}{\f@baselineskip}%
3193 \xepersian@setlength{\parsep}%
3194   {.3333\@tempdimb}{.1667\@tempdimb}{.0833\@tempdimb}%
3195 \xepersian@setlength{\topsep}%
3196   {.6667\@tempdimb}{.1667\@tempdimb}{.3333\@tempdimb}%
3197 \@tempswafalse
3198 \begingroup
3199   \def\@list@extra{\aftergroup\@tempwattrue}%
3200   \csname @listi\endcsname
3201 \endgroup
3202 \edef\@listi{\leftmargin\leftmargini
3203   \topsep \the\topsep
3204   \parsep \the\parsep
3205   \itemsep \the\itemsep
3206   \if@tempswa\noexpand\@list@extra\fi
3207 }%
3208 \let\@listI\@listi

```



```

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

```



```

3259 \begingroup
3260 \def\@list@extra{\aftergroup\@tempwatrue}%
3261 \csname @listiii\endcsname
3262 \endgroup
3263 \edef\@listiii{\leftmargin\leftmarginiii
3264 \labelwidth=\dimexpr \leftmargin-\labelsep
3265 \topsep \the\topsep
3266 \parsep \z@
3267 \partopsep \the\partopsep
3268 \itemsep \topsep
3269 \if@tempswa\noexpand\@list@extra\fi
3270 }%
3271 \@tempwafalse
3272 \begingroup
3273 \def\@list@extra{\aftergroup\@tempwatrue}%
3274 \csname @listiv\endcsname
3275 \endgroup
3276 \edef\@listiv{\leftmargin\leftmarginiv
3277 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3278 \if@tempswa\noexpand\@list@extra\fi
3279 }%
3280 \@tempwafalse
3281 \begingroup
3282 \def\@list@extra{\aftergroup\@tempwatrue}%
3283 \csname @listv\endcsname
3284 \endgroup
3285 \edef\@listv{\leftmargin\leftmarginv
3286 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3287 \if@tempswa\noexpand\@list@extra\fi
3288 }%
3289 \@tempwafalse
3290 \begingroup
3291 \def\@list@extra{\aftergroup\@tempwatrue}%
3292 \csname @listvi\endcsname
3293 \endgroup
3294 \edef\@listvi{\leftmargin\leftmarginvi
3295 \labelwidth=\dimexpr \leftmargin-\labelsep\relax
3296 \if@tempswa\noexpand\@list@extra\fi
3297 }%
3298 \@listi
3299 \setlength{\@tempdimb}{\f@baselineskip}%
3300 \setlength{\footnotesep}{.555\@tempdimb}%
3301 \xepersian@setlength{\skip\footins}%
3302 \{.75\@tempdimb\}{.3333\@tempdimb}{.1667\@tempdimb}%
3303 \xepersian@setlength{\floatsep}%
3304 \{\@tempdimb\}{.1667\@tempdimb}{.1667\@tempdimb}%
3305 \xepersian@setlength{\textfloatsep}%
3306 \{1.6667\@tempdimb\}{.1667\@tempdimb}{.3333\@tempdimb}%
3307 \setlength{\intextsep}{\floatsep}%
3308 \setlength{\dblfloatsep}{\floatsep}%

```




```

3309 \setlength{\dbltextfloatsep}{\textfloatsep}%
3310 \setlength{\@fptop}{\z@ \@plus 1fil}%
3311 \setlength{\@fpsep}{.6667\@tempdimb \@plus 2fil}%
3312 \setlength{\@fpbot}{\@fptop}%
3313 \setlength{\@dblftop}{\@fptop}%
3314 \setlength{\@dblpsep}{\@fpsep}%
3315 \setlength{\@dblpbot}{\@fptop}%
3316 \xepersian@setlength{\partopsep}{.2\@tempdimb}{.1\@tempdimb}{.1\@tempdimb}%
3317 }
3318
3319 \renewcommand*{\@bidi@logo@}{\@bidi@logo@hb@xt@\textwidth{\hss\bfseries
3320
3321 \textsf{\XePersian}\quad\@bidi@logo{xepersian-logo.pdf}}}
3322
3323 \renewcommand*{\@bidi@pdfcreator}{%
3324 The xepersian package, v\xepersian@version, \xepersiandate
3325 }
3326
3327 \newcommand*{\@xepersian@pdfcustomproperties}{%
3328 This is the xepersian package, Version \xepersian@version,
3329 Released September 21, 2018.
3330 }
3331
3332 \newcommand\twocolumnstableofcontents{%
3333 \if@bidi@csundef{multi@column@out}{%
3334 \PackageError{xepersian}{Oops! you should load multicol package before xepersian package for b
3335 \begin{multicols}{2}[\section*{\contentsname}]{%
3336 \small
3337 \@starttoc{toc}%
3338 \end{multicols}}}
3339 \bidi@newrobustcmd*{\XePersian}{\leavevmode$\smash{\hbox{X\lower.5ex
3340 \hbox{\kern-.125em\bidi@reflect@box{E}}Persian}}$}
3341 \def\figurename{\if@RTL else\ Figure\fi}
3342 \def\tablename{\if@RTL else\ Table\fi}
3343 \def\contentsname{\if@RTL else\ Contents\fi}
3344 \def\listfigurename{\if@RTL else\ List of Figures\fi}
3345 \def\listtablename{\if@RTL else\ List of Tables\fi}
3346 \def\appendixname{\if@RTL else\ Appendix\fi}
3347 \def\indexname{\if@RTL else\ Index\fi}
3348 \def\refname{\if@RTL else\ References\fi}
3349 \def\abstractname{\if@RTL else\ Abstract\fi}
3350 \def\partname{\if@RTL else\ Part\fi}
3351 \def\datename{\if@RTL else\ Date:\fi}
3352 \def\@and{\if@RTL else\ and\fi}
3353 \def\bibname{\if@RTL else\ Bibliography\fi}
3354 \def\chaptername{\if@RTL else\ Chapter\fi}
3355 \def\ccname{\if@RTL else\ cc\fi}
3356 \def\enclname{\if@RTL else\ encl\fi}
3357 \def\pagename{\if@RTL else\ Page\fi}
3358 \def\headtoname{\if@RTL else\ To\fi}

```



```

3359 \def\proofname{\if@RTL else\ Proof\fi}
3360 \def\@Abjad#1{%
3361   \ifcase#1\or or\ or\ or\ %
3362         \or or\ or\ or\ or\ %
3363         \or or\ or\ or\ or\ %
3364         \or or\ or\ or\ %
3365         \or or\ or\ or\ or\ %
3366         \or or\ or\ or\ or\ %
3367         \else\@ctrerr\fi}
3368 \def\Abjad#1{\expandafter\@Abjad\csname c@#1\endcsname}
3369 \let\Abjadnumeral\@Abjad
3370 \def\@harfi#1{\ifcase#1\or or\ or\ or\ or\ or\
3371 or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\ or\
3372 or\ or\ or\ or\ or\ or\ or\ or\ {else\@ctrerr\fi}
3373 \def\harfi#1{\expandafter\@harfi\csname c@#1\endcsname}
3374 \let\harfinumeral\@harfi
3375 \newcommand{\adadi}[1]{%
3376 \expandafter\@adadi\csname c@#1\endcsname%
3377 }
3378 \newcommand{\@adadi}[1]{%
3379 \xepersian@numberstring{#1}\xepersian@yekanii{ }{}%
3380 }
3381 \let\adadinumeral\@adadi%
3382 \def\xepersian@numberoutofrange#1#2{%
3383 \PackageError{xepersian}{The number `#1' is too large %
3384 to be formatted using xepersian}{The largest possible %
3385 number is 999,999,999.}%
3386 }
3387 \def\xepersian@numberstring#1#2#3#4{%
3388 \ifnum\number#1<\@ne%
3389 #3%
3390 \else\ifnum\number#1<1000000000 %
3391 \expandafter\xepersian@adadi\expandafter{\number#1}#2%
3392 \else%
3393 \xepersian@numberoutofrange{#1}{#4}%
3394 \fi\fi%
3395 }
3396 \def\xepersian@adadi#1#2{%
3397 \expandafter\xepersian@@adadi%
3398 \ifcase%
3399 \ifnum#1<10 1%
3400 \else\ifnum#1<100 2%
3401 \else\ifnum#1<\@m 3%
3402 \else\ifnum#1<\@M 4%
3403 \else\ifnum#1<100000 5%
3404 \else\ifnum#1<1000000 6%
3405 \else\ifnum#1<10000000 7%
3406 \else\ifnum#1<100000000 8%
3407 \else9%
3408 \fi\fi\fi\fi\fi\fi\fi\fi %

```



```

3409 \or00000000#1% case 1: Add 8 leading zeros
3410 \or0000000#1% case 2: Add 7 leading zeros
3411 \or000000#1% case 3: Add 6 leading zeros
3412 \or00000#1% case 4: Add 5 leading zeros
3413 \or0000#1% case 5: Add 4 leading zeros
3414 \or000#1% case 6: Add 3 leading zeros
3415 \or00#1% case 7: Add 2 leading zeros
3416 \or0#1% case 8: Add 1 leading zero
3417 \or#1% case 9: Add no leading zeros
3418 \or%
3419 \@nil#2%
3420 \fi%
3421 }
3422 \def\xepersian@cadadi#1#2#3#4#5#6#7\or#8\@nil#9{%
3423 \ifnum#1#2#3>\z@
3424 \xepersian@milyoongan#1#2#3%
3425 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3426 \fi%
3427 \ifnum#4#5#6>\z@%
3428 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3429 \ifnum#4#5#6>\@ne\fi%
3430 %
3431 \ifnum#7>\z@\ \fi%
3432 \fi%
3433 \xepersian@sadgan#7{#4#5#6}1#9%
3434 }
3435 \def\xepersian@milyoongan#1#2#3{%
3436 \ifnum#1#2#3=\@ne%
3437 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3438 %
3439 %
3440 \else%
3441 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3442 %
3443 %
3444 \fi%
3445 }
3446 \def\xepersian@sadgan#1#2#3#4#5#6{%
3447 \ifnum#1>\z@%
3448 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3449 %
3450 \ifnum#2#3>\z@\ \fi%
3451 \fi%
3452 \ifnum#2#3<20%
3453 \ifnum#5#2#3>\@ne#6{#2#3}\fi%
3454 \else%
3455 \xepersian@dahgan#2%
3456 \ifnum#3>\z@\ \xepersian@yekani#3\fi%
3457 #60%
3458 \fi%

```



```

3459 }
3460 \def\xepersian@yekani#1{%
3461 \ifcase#1\@empty\or or\ or\ or\ or\ or\ %
3462 \or or\ or\ or\ or\ or\ or\ %
3463 \or or\ or\ or\ %
3464 \or or\ %fi\
3465 }
3466 \def\xepersian@yekanii#1{%
3467 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3468 }
3469 \def\xepersian@yekaniii#1{%
3470 \ifcase#1\@empty\or %else\xepersian@yekani{#1}\fi\
3471 }
3472 \def\xepersian@yekaniv#1{%
3473 \ifcase#1\@empty\or or\ or\ or\ or\ %
3474 \or or\ or\ %fi\
3475 }
3476 \def\xepersian@dahgan#1{%
3477 \ifcase#1\or or\ or\ or\ %
3478 \or or\ or\ or\ %
3479 \or %fi\
3480 }
3481 \newcommand{\tartibi}[1]{%
3482 \expandafter\@tartibi\csname c@#1\endcsname%
3483 }
3484 \newcommand{\@tartibi}[1]{%
3485 \xepersian@numberstring@tartibi{#1}\xepersian@tartibi{ }{}%
3486 }
3487 \let\tartibinumeral\@tartibi%
3488 \def\xepersian@numberstring@tartibi#1#2#3#4{%
3489 \ifnum\number#1<\@ne%
3490 #3%
3491 \else\ifnum\number#1<1000000000 %
3492 \expandafter\xepersian@adadi@tartibi\expandafter{\number#1}#2%
3493 \else%
3494 \xepersian@numberoutofrange{#1}{#4}%
3495 \fi\fi%
3496 }
3497 \def\xepersian@adadi@tartibi#1#2{%
3498 \expandafter\xepersian@@adadi@tartibi%
3499 \ifcase%
3500 \ifnum#1<10 1%
3501 \else\ifnum#1<100 2%
3502 \else\ifnum#1<\@m 3%
3503 \else\ifnum#1<\@M 4%
3504 \else\ifnum#1<100000 5%
3505 \else\ifnum#1<1000000 6%
3506 \else\ifnum#1<10000000 7%
3507 \else\ifnum#1<100000000 8%
3508 \else9%

```



```

3509 \fi\fi\fi\fi\fi\fi\fi %
3510 \or00000000#1% case 1: Add 8 leading zeros
3511 \or00000000#1% case 2: Add 7 leading zeros
3512 \or000000#1% case 3: Add 6 leading zeros
3513 \or00000#1% case 4: Add 5 leading zeros
3514 \or0000#1% case 5: Add 4 leading zeros
3515 \or000#1% case 6: Add 3 leading zeros
3516 \or00#1% case 7: Add 2 leading zeros
3517 \or0#1% case 8: Add 1 leading zero
3518 \or#1% case 9: Add no leading zeros
3519 \or%
3520 \@nil#2%
3521 \fi%
3522 }
3523 \def\xepersian@adadi@tartibi#1#2#3#4#5#6#7\or#8\@nil#9{%
3524 \ifnum#1#2#3>\z@
3525 \xepersian@milyoongan@tartibi#1#2#3%
3526 \ifnum#7>\z@\ifnum#4#5#6>\z@\ \else\ \fi\else\ifnum#4#5#6>\z@\ \fi\fi%
3527 \fi%
3528 \ifnum#4#5#6>\z@%
3529 \xepersian@sadgan#4#5#6{#1#2#3}{#4#5}\xepersian@yekani%
3530 \ifnum#4#5#6>\@ne \fi%
3531 %
3532 \ifnum#7>\z@\ \fi%
3533 \fi%
3534 \xepersian@sadgan@tartibi#7{#4#5#6}1#9%
3535 }
3536 \def\xepersian@milyoongan@tartibi#1#2#3{%
3537 \ifnum#1#2#3=\@ne%
3538 \xepersian@sadgan@tartibi#1#2#301\xepersian@yekanii%
3539 %
3540 %
3541 \else%
3542 \xepersian@sadgan#1#2#301\xepersian@yekanii%
3543 %
3544 %
3545 \fi%
3546 }
3547 \def\xepersian@sadgan@tartibi#1#2#3#4#5#6{%
3548 \ifnum#1>\z@%
3549 \ifnum#4#1>\@ne\xepersian@yekaniv#1\fi%
3550 %
3551 \ifnum#2#3>\z@\ \fi%
3552 \fi%
3553 \ifnum#2#3<20%
3554 \ifnum#5#2#3>\@ne\ifnum#1#2#3#4#5=10001 %else#6{#2#3}\fi\fi\
3555 \else%
3556 \ifnum#2#3=30%
3557 \xepersian@dahgan@tartibi#2%
3558 \else%

```



```

3559 \xepersian@dahgan#2%
3560 \fi%
3561 \ifnum#3>\z@ \xepersian@yekanv#3\fi%
3562 #60%
3563 \fi%
3564 }
3565 \def\xepersian@dahgan@tartibi#1{%
3566 \ifcase#1\or\or\or\or\ %
3567 \or\or\or\or\ %
3568 \or\ %fi\
3569 }
3570 \def\xepersian@tartibi#1{%
3571 \ifcase#1\or\or\or\or\ %
3572 \or\or\or\or\or\ %
3573 \or\or\or\or\ %
3574 \or\or\or\ %
3575 \or\or\or\ %fi\
3576 }
3577 \def\xepersian@yekanv#1{%
3578 \ifcase#1\@empty\or\or\or\or\or\or\ %
3579 \or\or\or\or\or\or\ %
3580 \or\or\or\or\ %
3581 \or\or\ %fi\
3582 }
3583 \providecommand*\xpg@warning}[1]{%
3584 \PackageWarning{XePersian}%
3585 {#1}}
3586 \if@bidi@csundef{abjad}{%
3587 \def\abjad#1{%
3588 \ifnum#1>1999 \xpg@warning{Illegal value (#1) for abjad numeral} {#1}
3589 \else
3590 \ifnum#1<\z@ \space\xpg@warning{Illegal value (#1) for abjad numeral}%
3591 \else
3592 \ifnum#1<10\expandafter\abj@num@i\number#1%
3593 \else
3594 \ifnum#1<100\expandafter\abj@num@ii\number#1%
3595 \else
3596 \ifnum#1<\@m\expandafter\abj@num@iii\number#1%
3597 \else
3598 \ifnum#1<\@M\expandafter\abj@num@iv\number#1%since #1<2000, we must have 1000
3599 \fi
3600 \fi
3601 \fi
3602 \fi
3603 \fi
3604 \fi
3605 }
3606 \def\abjad#1{\expandafter\@abjad\csname c@#1\endcsname}
3607 \let\abjadnumeral\@abjad
3608 \def\abjad@zero{}

```



```

3609 \def\abj@num@i#1{%
3610   \ifcase#1\or or\ or\ or\ %
3611           \or or\ or\ or\ or\ fi\
3612   \ifnum#1=\z@\abjad@zero\fi}
3613 \def\abj@num@ii#1{%
3614   \ifcase#1\or or\ or\ or\ or\ %
3615           \or or\ or\ or\ fi\
3616   \ifnum#1=\z@\fi\abj@num@i}
3617 \def\abj@num@iii#1{%
3618   \ifcase#1\or or\ or\ or\ or\ %
3619           \or or\ or\ or\ fi\
3620   \ifnum#1=\z@\fi\abj@num@ii}
3621 \def\abj@num@iv#1{%
3622   \ifcase#1\or fi\
3623   \ifnum#1=\z@\fi\abj@num@iii}
3624 }{}
3625 \let\@latinalph\@alph%
3626 \let\@latinAlph\@Alph%
3627 \def\LatinAlphs{%
3628   \let\@alph\@latinalph%
3629   \let\@Alph\@latinAlph%
3630 }
3631 \def\thempfootnote{{\itshape\@latinalph\c@mpfootnote}}
3632 \renewcommand*{\bidi@thebibliography@font@hook}{%
3633 \ifLTRbibitems
3634   \resetlatinfont
3635 \fi}
3636 \bidi@AfterEndPreamble{%
3637 \ifbidi@csundef{persianfont}{%
3638 \PackageError{xepersian}{You have not specified any font\MessageBreak
3639 for the main Persian text}{Use \settextfont' to load a font.}%
3640 }{}
3641 \@ifdefinitionfileloaded{loadingorder-xetex-bidi}{\input{loadingorder-xepersian.def}}{}
3642 \@ifdefinitionfileloaded{footnote-xetex-bidi}{\input{footnote-xepersian.def}}{}
3643 \@ifpackageloaded{appendix}{\input{appendix-xepersian.def}}{}
3644 \@ifpackageloaded{listings}{\input{listings-xepersian.def}}{}
3645 \@ifpackageloaded{algorithmic}{\input{algorithmic-xepersian.def}}{}
3646 \@ifpackageloaded{algorithm}{\input{algorithm-xepersian.def}}{}
3647 \@ifpackageloaded{backref}{\input{backref-xepersian.def}}{}
3648 \@ifpackageloaded{flowfram}{\input{flowfram-xepersian.def}}{}
3649 \@ifpackageloaded{bidityftesidenote}{\input{bidityftesidenote-xepersian.def}}{}
3650 \@ifpackageloaded{breqn}{\input{breqn-xepersian.def}}{}
3651 \@ifpackageloaded{enumerate}{\input{enumerate-xepersian.def}}{}
3652 \@ifpackageloaded{enumitem}{\input{enumitem-xepersian.def}}{}
3653 \@ifpackageloaded{framed}{\input{framed-xepersian.def}}{}
3654 \@ifpackageloaded{glossaries}{\input{glossaries-xepersian.def}}{}
3655 \@ifpackageloaded{hyperref}{\input{hyperref-xepersian.def}}{}
3656 \@ifpackageloaded{minitoc}{\input{minitoc-xepersian.def}}{}
3657 \@ifpackageloaded{natbib}{\input{natbib-xepersian.def}}{}
3658 \@ifpackageloaded{soul}{\input{soul-xepersian.def}}{}

```



```

3659 \@ifpackageloaded{tkz-linknodes}{\input{tkz-linknodes-xepersian.def}}{}
3660 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}{}{\input{tocloft-xepersian.def}}{}}
3661 \@ifclassloaded{article}{\input{article-xepersian.def}}{}
3662 \@ifclassloaded{extarticle}{\input{extarticle-xepersian.def}}{}
3663 \@ifclassloaded{artikel1}{\input{artikel1-xepersian.def}}{}
3664 \@ifclassloaded{artikel2}{\input{artikel2-xepersian.def}}{}
3665 \@ifclassloaded{artikel3}{\input{artikel3-xepersian.def}}{}
3666 \@ifclassloaded{amsart}{\input{amsart-xepersian.def}}{}
3667 \@ifclassloaded{bidimoderncv}{\input{bidimoderncv-xepersian.def}}{}
3668 \@ifclassloaded{report}{\input{report-xepersian.def}}{}
3669 \@ifclassloaded{extreport}{\input{extreport-xepersian.def}}{}
3670 \@ifclassloaded{rapport1}{\input{rapport1-xepersian.def}}{}
3671 \@ifclassloaded{rapport3}{\input{rapport3-xepersian.def}}{}
3672 \@ifclassloaded{scrartcl}{\input{scrartcl-xepersian.def}}{}
3673 \@ifclassloaded{scrbook}{\input{scrbook-xepersian.def}}{}
3674 \@ifclassloaded{scrreprt}{\input{scrreprt-xepersian.def}}{}
3675 \@ifclassloaded{amsbook}{\input{amsbook-xepersian.def}}{}
3676 \@ifclassloaded{boek3}{\input{boek3-xepersian.def}}{}
3677 \@ifclassloaded{boek}{\input{boek-xepersian.def}}{}
3678 \@ifclassloaded{bookest}{\input{bookest-xepersian.def}}{}
3679 \@ifclassloaded{extbook}{\input{extbook-xepersian.def}}{}
3680 \@ifclassloaded{book}{\input{book-xepersian.def}}{}
3681 \@ifclassloaded{refrep}{\input{refrep-xepersian.def}}{}
3682 \@ifclassloaded{memoir}{\input{memoir-xepersian.def}}{}
3683 \@ifclassloaded{imsproc}{\input{imsproc-xepersian.def}}{}
3684
3685 \def\xepersian@@fontsize@branch#1{%
3686   \@tempcnta\z@
3687   \@for\xepersian@tmp:=#1\do{%
3688     \KV@@sp@def\xepersian@frag{\xepersian@tmp}%
3689     \ifcase\@tempcnta\relax% cnta == 0
3690       \edef\xepersian@value{\xepersian@frag}%
3691       \setfontsize{\xepersian@frag}%
3692     \or% cnta == 1
3693       \setfontsize[\xepersian@frag]{\xepersian@value}%
3694     \else\fi
3695     \advance\@tempcnta\@ne}%
3696 }
3697
3698
3699 \define@choicekey{xepersian.sty}{mathdigits}[\xepersian@tempa\xepersian@tempb]{automatic,default,
3700   \ifcase\xepersian@tempb\relax
3701     \AutoMathsDigits
3702   \or
3703     \DefaultMathsDigits
3704   \or
3705     \PersianMathsDigits
3706   \fi}
3707 \define@choicekey{xepersian.sty}{inlinemathdigits}[\xepersian@tempa\xepersian@tempb]{automatic
3708   \ifcase\xepersian@tempb\relax

```




```

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

```



```

3759 \ifcase\xepersian@tempb\relax
3760 \autofootnoterule
3761 \or
3762 \leftfootnoterule
3763 \or
3764 \rightfootnoterule
3765 \or
3766 \SplitFootnoteRule
3767 \or
3768 \textwidthfootnoterule
3769 \fi}
3770 \define@choicekey{xepersian.sty}{footnotedirection}[\xepersian@tempa\xepersian@tempb]{righttoleft}
3771 \ifcase\xepersian@tempb\relax
3772 \@RTL@footnotetrue
3773 \or
3774 \@RTL@footnotefalse
3775 \fi}
3776 \define@choicekey{xepersian.sty}{debugfootnotedirection}[\xepersian@tempa\xepersian@tempb]{on,off}
3777 \ifcase\xepersian@tempb\relax
3778 \footdir@debugtrue
3779 \or
3780 \footdir@debugfalse
3781 \fi}
3782 \define@choicekey{xepersian.sty}{Kashida}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3783 \ifcase\xepersian@tempb\relax
3784 \input{kashida-xepersian.def}
3785 \fi}
3786 \define@choicekey{xepersian.sty}{KashidaXBFix}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3787 \ifcase\xepersian@tempb\relax
3788 \@Kashida@XB@fixtrue
3789 \or
3790 \@Kashida@XB@fixfalse
3791 \fi}
3792 \define@choicekey{xepersian.sty}{localise}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3793 \ifcase\xepersian@tempb\relax
3794 \input{localise-xepersian.def}
3795 \fi}
3796 \define@choicekey{xepersian.sty}{extrafootnotefeatures}[\xepersian@tempa\xepersian@tempb]{on,off}
3797 \ifcase\xepersian@tempb\relax
3798 \@extrafootnotefeaturestrue
3799 \or
3800 \@extrafootnotefeaturesfalse
3801 \fi}
3802 \define@choicekey{xepersian.sty}{quickindex}[\xepersian@tempa\xepersian@tempb]{on,off}[on]{%
3803 \ifcase\xepersian@tempb\relax
3804 \PackageWarning{xepersian}{Obsolete option}%
3805 \ifwritexviii%
3806 \@ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with the memoir class}%
3807 \renewcommand\printindex{\newpage%
3808 \immediate\closeout\@indexfile

```



```

3809 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname.
3810 \@input@{\jobname.ind}}}%
3811 \else
3812 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run "
3813 \fi
3814 \fi}
3815 \define@choicekey{xepersian.sty}{quickindex-variant1}[\xepersian@tempa\xepersian@tempb]{on,off}
3816 \ifcase\xepersian@tempb\relax
3817 \ifwritexviii%
3818 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
3819 \renewcommand\printindex{\newpage%
3820 \immediate\closeout\@indexfile
3821 \immediate\write18{xindy -L persian-variant1 -C utf8 -M texindy -M page-ranges \jobnam
3822 \@input@{\jobname.ind}}}%
3823 \else
3824 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
3825 \fi
3826 \fi}
3827 \define@choicekey{xepersian.sty}{quickindex-variant2}[\xepersian@tempa\xepersian@tempb]{on,off}
3828 \ifcase\xepersian@tempb\relax
3829 \ifwritexviii%
3830 \ifclassloaded{memoir}{\PackageError{xepersian}{This feature does not yet work with th
3831 \renewcommand\printindex{\newpage%
3832 \immediate\closeout\@indexfile
3833 \immediate\write18{xindy -L persian-variant2 -C utf8 -M texindy -M page-ranges \jobname
3834 \@input@{\jobname.ind}}}%
3835 \else
3836 \PackageError{xepersian}{"shell escape" (or "write18") is not enabled. You need to run
3837 \fi
3838 \fi}
3839 \define@choicekey{xepersian.sty}{abjadvariant}[\xepersian@tempa\xepersian@tempb]{one,two}{%
3840 \ifcase\xepersian@tempb\relax
3841 \def\PersianAlphs{%
3842 \let\@alph\@abjad%
3843 \let\@Alph\@abjad%
3844 }
3845 \or
3846 \def\PersianAlphs{%
3847 \let\@alph\@Abjad%
3848 \let\@Alph\@Abjad%
3849 }
3850 \fi}
3851 \DeclareOptionX{defaultlatinfontfeatures}{%
3852 \defaultfontfeatures
3853 [\latinfont]
3854 {#1}
3855 }
3856
3857 \DeclareOptionX{mathfontssize}{%
3858 \def\xepersian@math@fontsize@scale{#1}%

```



```

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

```



```

3909         \protected@write\@auxout{}\%
3910             {\string\bidicolumn@status{2}}}%
3911     \or
3912         \let\bidifirstcolumn@status@write\relax
3913         \let\bidilastcolumn@status@write\relax
3914     \fi}
3915
3916
3917 \define@choicekey{xepersian.sty}{debugtextdigitfont}[\xepersian@tempa\xepersian@tempb]{on,off}
3918 \ifcase\xepersian@tempb\relax
3919     \bidicolumn@status@write{\%
3920         \bidipatchcmd{\xepersian@@start@switch@textdigitfont}%
3921         {\xepersian@textdigitfont}{\addfontfeature{Color=C71585}}{}{}%
3922     }
3923 \or
3924     \relax
3925 \fi}
3926
3927 \ExecuteOptionsX{%
3928     documentdirection=righttoleft,
3929     tabledirection=righttoleft,
3930     script=nonlatin,
3931     footnotedirection=righttoleft,
3932     footnoterule=automatic,
3933     abjadvariant=two,
3934     DetectColumn=off,
3935     fontsizescale=\@ne,
3936     latinfontsizescale=\@ne,
3937     mathfontsizescale=\@ne,
3938     baselineskipscale=\@ne,
3939     latinbaselineskipscale=\@ne
3940 }
3941
3942 \ProcessOptionsX
3943
3944 \if@extrafootnotefeatures
3945     \input{extrafootnotefeatures-xetex-bidi.def}
3946     \input{extrafootnotefeatures-xepersian.def}
3947 \fi
3948
3949 \bidipatchcmd{\set@fontsize}{\@tempdimb#2pt}{\%
3950     \@tempdimb\xepersian@@fontsize@scale\dimexpr#2pt\relax
3951 }{}{}
3952
3953 \bidipatchcmd{\set@fontsize}{\@tempskipa#3pt}{\%
3954     \@tempskipa\xepersian@@baselineskip@scale\dimexpr#3pt\relax
3955 }{}{}
3956
3957
3958 \newcommand*{\xepersian@@update@math@fontsize}[1]{\%

```



```

3959 \strip@pt\dimexpr\xepersian@@math@fontsize@scale
3960 \dimexpr 1pt * \dimexpr #1 pt\relax /
3961 \dimexpr \xepersian@@fontsize@scale pt\relax
3962 \relax\relax
3963 }
3964
3965 \bidi@patchcmd{\getanddefine@fonts}{%
3966 \xdef\font@name{\csname \string#2/\tf@size\endcsname}%
3967 }{%
3968 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\tf@size\endcsname}%
3969 }{}{}
3970
3971 \bidi@patchcmd{\getanddefine@fonts}{%
3972 \xdef\font@name{\csname \string#2/\sf@size\endcsname}%
3973 }{%
3974 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\sf@size\endcsname}%
3975 }{}{}
3976
3977 \bidi@patchcmd{\getanddefine@fonts}{%
3978 \xdef\font@name{\csname \string#2/\ssf@size\endcsname}%
3979 }{%
3980 \xdef\font@name{\csname \string#2/\xepersian@@update@math@fontsize\ssf@size\endcsname}%
3981 }{}{}
3982
3983
3984 \if@xepersian@@computeautoilg
3985 \bidi@patchcmd{\set@fontsize}{%
3986 \baselineskip\f@baselineskip\relax
3987 }{%
3988 \baselineskip\f@baselineskip\relax
3989 \xepersian@computeautoilg
3990 \ifdim\xepersian@strutilg>\baselineskip
3991 \PackageInfo{xepersian}{character with height+depth greater than current baselineskip found}
3992 \PackageInfo{xepersian}{baselineskip changed to that height+depth!}%
3993 \baselineskip\xepersian@strutilg
3994 \ifdim\footnotesep=.7\baselineskip
3995 \else
3996 \footnotesep.7\baselineskip
3997 \fi
3998 \fi
3999 }{}{}
4000 \fi
4001
4002 \setlatintextfont[ExternalLocation,BoldFont={lmroman10-bold},BoldItalicFont={lmroman10-boldita
4003 \PersianAlphs

```

57 File xepersian-magazine.cls

```

4004 \NeedsTeXFormat{LaTeX2e}
4005 \ProvidesClass{xepersian-magazine}[2010/07/25 v0.2 Typesetting Persian magazines in XeLaTeX]

```



```

4006 \RequirePackage{ifthen}
4007 \newlength{\xepersian@imgsize}
4008 \newlength{\xepersian@coltitsize}
4009 \newlength{\xepersian@pageneed}
4010 \newlength{\xepersian@pageleft}
4011 \newlength{\xepersian@indexwidth}
4012 \newcommand{\xepersian@ncolumns}{0}
4013 \newlength{\columnlines}
4014 \setlength{\columnlines}{0 pt} % no lines by default
4015 \newboolean{xepersian@hyphenatedtitles}
4016 \setboolean{xepersian@hyphenatedtitles}{true}
4017 \newboolean{xepersian@ninepoints}
4018 \setboolean{xepersian@ninepoints}{false}
4019 \newboolean{xepersian@showgrid}
4020 \setboolean{xepersian@showgrid}{false}
4021 \newboolean{xepersian@a3paper}
4022 \setboolean{xepersian@a3paper}{false}
4023 \newboolean{xepersian@insidefrontpage}
4024 \setboolean{xepersian@insidefrontpage}{false}
4025 \newboolean{xepersian@insideweather}
4026 \setboolean{xepersian@insideweather}{false}
4027 \newboolean{xepersian@insideindex}
4028 \setboolean{xepersian@insideindex}{false}
4029 \newcount\xepersian@gridrows
4030 \newcount\xepersian@gridcolumns
4031 \xepersian@gridrows=40
4032 \xepersian@gridcolumns=50
4033 \newcount\minraggedcols
4034 \minraggedcols=5
4035 \DeclareOption{10pt}{\PassOptionsToClass{10pt}{article}}
4036 \DeclareOption{11pt}{\PassOptionsToClass{11pt}{article}}
4037 \DeclareOption{12pt}{\PassOptionsToClass{12pt}{article}}
4038 \DeclareOption{twocolumn}%
4039 {\ClassWarning{xepersian-magazine}{Option 'twocolumn' not available for xepersian-magazine.}}
4040 \DeclareOption{notitlepage}%
4041 {\ClassWarning{xepersian-magazine}{Option 'notitlepage' not available for xepersian-magazine.}}
4042 \DeclareOption{twoside}%
4043 {\ClassWarning{xepersian-magazine}{Option 'twoside' not available for xepersian-magazine.}}
4044 \DeclareOption{9pt}{\setboolean{xepersian@ninepoints}{true}}
4045 \DeclareOption{hyphenatedtitles}{\setboolean{xepersian@hyphenatedtitles}{false}}
4046 \DeclareOption{columnlines}{\setlength{\columnlines}{0.1 pt}}
4047 \DeclareOption{showgrid}{\setboolean{xepersian@showgrid}{true}}
4048 \DeclareOption{a3paper}{\setboolean{xepersian@a3paper}{true}}
4049 \ProcessOptions\relax
4050 \LoadClass[10pt, onecolumn, titlepage, a4paper]{article}
4051 \RequirePackage{ifxetex}
4052 \RequirePackage{multido}
4053 \RequirePackage{datetime}
4054 \RequirePackage{multicol}
4055 \RequirePackage{fancyhdr}

```



```

4056 \RequirePackage{fancybox}
4057 \ifthenelse{\boolean{xepersian@a3paper}}{%
4058 \RequirePackage[a3paper,headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4059 }{
4060 \RequirePackage[headsep=0.5cm,vmargin={2cm,2cm},hmargin={1.5cm,1.5cm}]{geometry}
4061 }
4062 \RequirePackage[absolute]{textpos} % absolute positioning
4063 \RequirePackage{hyphenat} % when hyphenate
4064 \RequirePackage{lastpage} % to know the last page number
4065 \RequirePackage{setspace} % set space between lines
4066 \RequirePackage{ragged2e}
4067 \newcommand{\raggedFormat}{\RaggedLeft}
4068 \AtEndOfClass{\xepersianInit}
4069 \ifthenelse{\boolean{xepersian@showgrid}}{%
4070 \AtBeginDocument{
4071 \grid[show]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4072 \advance\minraggedcols by -1
4073 }{%
4074 \AtBeginDocument{
4075 \grid[]{\xepersian@gridrows}{\xepersian@gridcolumns}}
4076 \advance\minraggedcols by -1
4077 }
4078 \ifthenelse{\boolean{xepersian@ninepoints}}{%
4079 \renewcommand{\normalsize}{%
4080 \setfontsize{\normalsize}{9pt}{10pt}%
4081 \setlength{\abovedisplayskip}{5pt plus 1pt minus .5pt}%
4082 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4083 \setlength{\abovedisplayshortskip}{3pt plus 1pt minus 2pt}%
4084 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4085
4086 \renewcommand{\tiny}{\setfontsize{\tiny}{5pt}{6pt}}
4087
4088 \renewcommand{\scriptsize}{\setfontsize{\scriptsize}{7pt}{8pt}}
4089
4090 \renewcommand{\small}{%
4091 \setfontsize{\small}{8pt}{9pt}%
4092 \setlength{\abovedisplayskip}{4pt plus 1pt minus 1pt}%
4093 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4094 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4095 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4096
4097 \renewcommand{\footnotesize}{%
4098 \setfontsize{\footnotesize}{8pt}{9pt}%
4099 \setlength{\abovedisplayskip}{4pt plus 1pt minus .5pt}%
4100 \setlength{\belowdisplayskip}{\abovedisplayskip}%
4101 \setlength{\abovedisplayshortskip}{2pt plus 1pt}%
4102 \setlength{\belowdisplayshortskip}{\abovedisplayshortskip}}
4103
4104 \renewcommand{\large}{\setfontsize{\large}{11pt}{13pt}}
4105 \renewcommand{\Large}{\setfontsize{\Large}{14pt}{18pt}}

```




```

4106 \renewcommand{\LARGE}{\@setfontsize{\LARGE}{18pt}{20pt}}
4107 \renewcommand{\huge}{\@setfontsize{\huge}{20pt}{25pt}}
4108 \renewcommand{\Huge}{\@setfontsize{\Huge}{25pt}{30pt}}
4109 }{}
4110 \def\customwwwTxt#1{\gdef\@customwwwTxt{\lr{#1}}}
4111 \newcommand{\xepersian@wwwFormat}{\sfamily}
4112 \newcommand{\xepersian@www}{%
4113 \raisebox{-3pt}{\{\xepersian@wwwFormat\@customwwwTxt}}
4114 }
4115 \newcommand{\xepersian@edition}{ {
4116 \newcommand{\editionFormat}{\large\bfseries\texttt}
4117 \newcommand{\xepersian@editionLogo}{%
4118 \raisebox{-3pt}{%
4119 {\editionFormat\xepersian@edition}%
4120 }%
4121 }
4122 \newcommand{\indexFormat}{\large\bfseries}
4123 \newcommand{\xepersian@indexFrameTitle}[1]
4124 {\begin{flushright}{\{\indexFormat #1}\end{flushright}}
4125
4126 \newcommand{\indexEntryFormat}{\normalsize}
4127 \newcommand{\xepersian@indexEntry}[1]{\begin{minipage}{13\TPHorizModule}%
4128 {\indexEntryFormat\noindent\ignorespaces{#1}}%
4129 \end{minipage}}
4130 \newcommand{\indexEntrySeparator}{\rule{\xepersian@indexwidth}{.1pt}}
4131 \newcommand{\indexEntryPageTxt}{ {
4132 \newcommand{\indexEntryPageFormat}{\footnotesize}
4133 \newcommand{\xepersian@indexEntryPage}[1]{%
4134 {\indexEntryPageFormat{\indexEntryPageTxt}{~#1}}%
4135 }
4136 \newcommand{\headDateTimeFormat}{}
4137 \newcommand{\xepersian@headDateTime}{%
4138 \headDateTimeFormat\date\hspace{5pt}$\parallel$\hspace{5pt}%
4139 \currenttime %
4140 }
4141 \newcommand{\weatherFormat}{\bfseries}
4142 \newcommand{\xepersian@weather}[1]{%
4143 \noindent{\weatherFormat #1}%
4144 }
4145 \newcommand{\weatherTempFormat}{\small}
4146 \newcommand{\weatherUnits}{\textdegree}{C}
4147 \newcommand{\xepersian@section}[0]{ {
4148 \newcommand{\xepersian@headleft}{%
4149 {\small\bfseries \@custommagazinename} \date
4150 }
4151 \newcommand{\xepersian@headcenter}{%
4152 \xepersian@section{}
4153 }
4154 \newcommand{\xepersian@headright}{%
4155 \small\xepersian@edition%

```



```

4156 \hspace*{5pt}\beginL\thepage\ / \pageref{LastPage}\endL
4157 }
4158
4159 \newcommand{\heading}[3]{%
4160 \renewcommand{\xepersian@headleft}{\beginR#1\endR}%
4161 \renewcommand{\xepersian@headcenter}{\beginR#2\endR}%
4162 \renewcommand{\xepersian@headright}{\beginR#3\endR}%
4163 }
4164 \newcommand{\xepersian@footright}{%
4165 {\footnotesize\lr{\copyright\ \@customwwwTxt{}}-- - \lr{\XePersian}}%
4166 }
4167 \newcommand{\xepersian@footcenter}{%
4168 }
4169 \newcommand{\xepersian@footleft}{%
4170 }
4171
4172 \newcommand{\foot}[3]{%
4173 \renewcommand{\xepersian@footleft}{\beginR#1\endR}%
4174 \renewcommand{\xepersian@footcenter}{\beginR#2\endR}%
4175 \renewcommand{\xepersian@footright}{\beginR#3\endR}%
4176 }
4177 \newcommand{\firstTitleFormat}{\Huge\bfseries\flushright}
4178 \newcommand{\xepersian@firstTitle}[1]{%
4179 {%
4180 \begin{spacing}{2.0}{%
4181 \noindent\ignorespaces
4182 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4183 {\nohyphens{\firstTitleFormat #1}}%
4184 {\firstTitleFormat #1}}%
4185 }%
4186 \end{spacing}%
4187 }%
4188 }
4189 \newcommand{\firstTextFormat}{%
4190 \newcommand{\xepersian@firstText}[1]{%
4191 {\noindent\ignorespaces\firstTextFormat #1}%
4192 }
4193 \newcommand{\secondTitleFormat}{\LARGE\bfseries}
4194 \newcommand{\xepersian@secondTitle}[1]{%
4195 \begin{spacing}{1.5}{%
4196 \noindent\ignorespaces\flushright
4197 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}%
4198 {\nohyphens{\secondTitleFormat #1}}%
4199 {\secondTitleFormat #1}}%
4200 }\end{spacing}%
4201 }
4202 \newcommand{\secondSubtitleFormat}{\large}
4203 \newcommand{\xepersian@secondSubtitle}[1]{%
4204 {\noindent\ignorespaces\secondSubtitleFormat #1}}%
4205 }

```



```

4206 \newcommand{\secondTextFormat}{}
4207 \newcommand{\xepersian@secondText}[1]{%
4208 \begin{multicols}{2}
4209 {\noindent\ignorespaces\secondTextFormat #1}
4210 \end{multicols}
4211 }
4212 \newcommand{\thirdTitleFormat}{\Large\bfseries}
4213 \newcommand{\xepersian@thirdTitle}[1]{%
4214 \begin{spacing}{1.5}{%
4215 \noindent\ignorespaces\flushright
4216 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4217 {\nohyphens{\thirdTitleFormat #1}}%
4218 {\{\thirdTitleFormat #1}\}%
4219 }\end{spacing}%
4220 }
4221 \newcommand{\thirdSubtitleFormat}{\large}
4222 \newcommand{\xepersian@thirdSubtitle}[1]{%
4223 {\noindent\ignorespaces\thirdSubtitleFormat #1}}
4224 \newcommand{\thirdTextFormat}{}
4225 \newcommand{\xepersian@thirdText}[1]{\{\thirdTextFormat #1}}
4226 \newcommand{\pictureCaptionFormat}{\small\bfseries}
4227 \newcommand{\xepersian@pictureCaption}[1]{%
4228 {\noindent\pictureCaptionFormat #1}%
4229 }
4230 \newcommand{\pagesFormat}{\bfseries\footnotesize}
4231 \newcommand{\xepersian@pages}[1]{%
4232 {\noindent{\pagesFormat\MakeUppercase{#1}}}
4233 \newcommand{\innerTitleFormat}{\Huge}
4234 \newcommand{\xepersian@innerTitle}[1]{%
4235 \begin{flushright}{%
4236 \noindent
4237 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4238 {\nohyphens{\innerTitleFormat #1}}%
4239 {\{\innerTitleFormat #1}\}%
4240 }%
4241 \\\%
4242 \end{flushright}%
4243 }
4244 \newcommand{\innerSubtitleFormat}{\large}
4245 \newcommand{\xepersian@innerSubtitle}[1]{\{\innerSubtitleFormat #1}}
4246 \newcommand{\timestampTxt}{}
4247 \newcommand{\timestampSeparator}{|}
4248 \newcommand{\timestampFormat}{\small}
4249 \newcommand{\timestamp}[1]{%
4250 {\timestampFormat%
4251 #1~\timestampTxt}%
4252 }~\timestampSeparator}%
4253 }
4254 \newcommand{\innerAuthorFormat}{\footnotesize}
4255 \newcommand{\innerPlaceFormat}{\footnotesize\bfseries}

```



```

4256 \newcommand{\innerTextFinalMark}{\rule{0.65em}{0.65em}}
4257 \newcommand{\editorialTitleFormat}{\LARGE\textit}
4258 \newcommand{\xepersian@editorialTitle}[1]{\editorialTitleFormat{#1}}
4259 \newcommand{\editorialAuthorFormat}{\textsc}
4260 \newcommand{\shortarticleTitleFormat}{\LARGE\bfseries}
4261 \newcommand{\xepersian@shortarticleTitle}[1]{\shortarticleTitleFormat #1}}
4262 \newcommand{\shortarticleSubtitleFormat}{\Large}
4263 \newcommand{\xepersian@shortarticleSubtitle}[1]{\shortarticleSubtitleFormat #1}}
4264 \newcommand{\shortarticleItemTitleFormat}{\large\bfseries}
4265 \newcommand{\xepersian@shortarticleItemTitle}[1]{\shortarticleItemTitleFormat #1}}
4266 \renewcommand{\maketitle}{\begin{titlepage}%
4267   \let\footnotesize\small
4268   \let\footnoterule\relax
4269   \let \footnote \thanks
4270   \null\vfil
4271   \vskip 60\p@
4272   \begin{center}%
4273     {\LARGE \@title \par}%
4274     \vskip 1em%
4275     {\LARGE «\xepersian@edition» \par}%
4276     \vskip 3em%
4277     {\large
4278       \lineskip .75em%
4279       \begin{tabular}[t]{c}%
4280         \@author
4281       \end{tabular}\par}%
4282       \vskip 1.5em%
4283       {\large \@date \par}%
4284     \end{center}\par
4285     \@thanks
4286     \vfil\null
4287   \end{titlepage}%
4288   \setcounter{footnote}{0}%
4289   \global\let\thanks\relax
4290   \global\let\maketitle\relax
4291   \global\let\@thanks\@empty
4292   \global\let\@author\@empty
4293   \global\let\@date\@empty
4294   \global\let\@title\@empty
4295   \global\let\title\relax
4296   \global\let\author\relax
4297   \global\let\date\relax
4298   \global\let\and\relax
4299 }
4300 \newcommand{\xepersian@say}[1]{\typeout{#1}}
4301 \newsavebox{\xepersian@fmbox}
4302 \newenvironment{xepersian@fmpage}[1]
4303   {\begin{lrbox}{\xepersian@fmbox}\begin{minipage}{#1}}
4304   {\end{minipage}\end{lrbox}\fbox{\usebox{\xepersian@fmbox}}}
4305 \newcommand{\image}[2]{

```



```

4306 \vspace{5pt}
4307 \setlength{\fboxsep}{1pt}
4308 \addtolength{\xepersian@imgsize}{\columnwidth}
4309 \addtolength{\xepersian@imgsize}{-1\columnsep}
4310 \ifxetex
4311 \setlength{\xepersian@pageneed}{1.5\xepersian@imgsize}
4312 \addtolength{\xepersian@pageneed}{50pt}
4313 \ClassWarning{xepersian-magazine}{%
4314 Image #1 needs: \the\xepersian@pageneed \space %
4315 and there is left: \the\page@free\space%
4316 }
4317 \ifdim \xepersian@pageneed < \page@free
4318
4319 {\centering\fbox{%
4320 \includegraphics[width = \xepersian@imgsize,
4321 height = \xepersian@imgsize,
4322 keepaspectratio ]{#1}}
4323 \xepersian@pictureCaption{#2}
4324
4325 \vspace{5pt}
4326 \else
4327 \ClassWarning{Image #1 needs more space!%
4328 It was not inserted!}
4329 \fi
4330 \fi
4331 }
4332 \textblockorigin{1cm}{1cm}
4333 \newdimen\xepersian@dx
4334 \newdimen\xepersian@dy
4335 \newcount\xepersian@cx
4336 \newcount\xepersian@cy
4337 \newcommand{\grid}[3][]{
4338 \xepersian@dx=\textwidth%
4339 \xepersian@dy=\textheight%
4340 \xepersian@cx=#3% %columns
4341 \xepersian@cy=#2% %rows
4342
4343 \count1=#3%
4344 \advance\count1 by 1
4345
4346 \count2=#2%
4347 \advance\count2 by 1
4348
4349 \divide\xepersian@dx by #3
4350 \divide\xepersian@dy by #2
4351
4352 \setlength{\TPHorizModule}{\xepersian@dx}
4353 \setlength{\TPVertModule}{\xepersian@dy}
4354
4355 \ifthenelse{\equal{#1}{show}}{

```



```

4356 \multido{\xepersian@nrow=0+1}{\count2}{
4357 \begin{textblock}{\xepersian@cx}(0,\xepersian@nrow)
4358 \rule[0pt]{\textwidth}{.1pt}
4359 \end{textblock}
4360 }
4361
4362 \multido{\xepersian@ncol=0+1}{\count1}{
4363 \begin{textblock}{\xepersian@cy}(\xepersian@ncol,0)
4364 \rule[0pt]{.1pt}{\textheight}
4365 \end{textblock}
4366 }
4367 }{}
4368 }
4369 \newcommand{\xepersianInit}{
4370 \setlength{\headheight}{14pt}
4371 \renewcommand{\headrulewidth}{0.4pt}
4372
4373 \pagestyle{fancy}
4374
4375 \setlength{\columnseprule}{\columnlines}
4376 \setlength{\fboxrule}{0.1 pt}
4377
4378 }
4379
4380 \def\customlogo#1{\gdef\@customlogo{\beginR#1\endR}}
4381 \def\customminilogo#1{\gdef\@customminilogo{\beginR#1\endR}}
4382 \def\custommagazinenamename#1{\gdef\@custommagazinenamename{\beginR#1\endR}}
4383 \newcommand{\logo}[0]{
4384 %% Heading %%
4385 \noindent\hrulefill\hspace{10pt}\xepersian@editionLogo\hspace{5pt}\xepersian@www
4386
4387 \vspace*{-3pt}
4388
4389 {\Large\bfseries \@customlogo}
4390 \hrulefill
4391 \hspace{10pt}\xepersian@headDateTime
4392
4393 }
4394 \newcommand{\minilogo}[0]{
4395 {\large\bfseries \@customminilogo}
4396
4397 \vspace*{5pt}
4398 }
4399 \newcommand{\mylogo}[1]{
4400 {\beginR#1\endR}
4401
4402 \noindent
4403 \xepersian@editionLogo\hspace{5pt}
4404 \hrulefill
4405 \hspace{5pt}\xepersian@headDateTime

```



```

4406 }
4407 \newcommand{\edition}[1]{\renewcommand{\xepersian@edition}{#1}}
4408 \newenvironment{frontpage}[0]
4409 {
4410 \setboolean{xepersian@insidefrontpage}{true}
4411 \thispagestyle{empty}
4412 \logo
4413
4414 }%
4415 {
4416 \thispagestyle{empty}
4417 \clearpage
4418 \newpage
4419 \fancyhead{}
4420 \fancyfoot{}
4421 \fancyhead[R0,LE]{\beginR\xepersian@headright\endR}
4422 \fancyhead[L0,RE]{\beginR\xepersian@headleft\endR}
4423 \fancyhead[C]{\beginR\xepersian@headcenter\endR}
4424 \fancyfoot[R0,LE]{\beginR\xepersian@footright\endR}
4425 \fancyfoot[L0,RE]{\beginR\xepersian@footleft\endR}
4426 \fancyfoot[C]{\beginR\xepersian@footcenter\endR}
4427 \renewcommand{\headrulewidth}{0.4pt}
4428 \setboolean{xepersian@insidefrontpage}{false}
4429
4430 }
4431 \newcommand{\firstarticle}[3]
4432 {
4433 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4434 \ifthenelse{\boolean{xepersian@hyphenatedtitles}}{%
4435 \begin{textblock}{24}(22,5)
4436 }
4437 {
4438 \begin{textblock}{28}(22,5)
4439 }
4440 \vspace{-7pt}
4441 \xepersian@firstTitle{#1}
4442 \end{textblock}
4443 \begin{textblock}{29}(22,10)
4444 \vspace{5pt plus 2pt minus 2pt}
4445
4446 \xepersian@firstText{\timestamp{#3}~#2}
4447
4448 \end{textblock}
4449
4450 \begin{textblock}{50}(0,15)
4451 \rule{50\TPHorizModule}{.3pt}
4452 \end{textblock}
4453 }{%else
4454 \ClassError{xepersian-magazine}{%
4455 \protect\firstarticle\space in a wrong place.\MessageBreak

```



```

4456 \protect\firstarticle\space may only appear inside frontpage environment.
4457 }{%
4458 \protect\firstarticle\space may only appear inside frontpage environment.
4459 }%
4460 }
4461 }
4462 \newcommand{\secondarticle}[5]
4463 {
4464 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4465 \begin{textblock}{33}(2,16)
4466 \xepersian@pages{#4}
4467 \vspace{-5pt}
4468 \xepersian@secondTitle{#1}
4469
4470 \vspace*{5pt}
4471
4472 \xepersian@secondSubtitle{#2}
4473
4474 \vspace*{-7pt}
4475
4476 \xepersian@secondText{\timestamp{#5}~#3}
4477
4478 \end{textblock}
4479
4480 \begin{textblock}{33}(2,25)
4481 \vspace{5pt plus 2pt minus 2pt}
4482
4483 \noindent\ignorespaces\rule{33\TPHorizModule}{.3pt}
4484 \end{textblock}
4485 }{%else
4486 \ClassError{xepersian-magazine}{%
4487 \protect\secondarticle\space in a wrong place.\MessageBreak
4488 \protect\secondarticle\space may only appear inside frontpage environment.
4489 }{%
4490 \protect\secondarticle\space may only appear inside frontpage environment.
4491 }%
4492 }
4493 }
4494 \newcommand{\thirdarticle}[6]
4495 {
4496 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4497 \begin{textblock}{32}(2,26)
4498 \xepersian@pages{#5}
4499 \vspace{-5pt}
4500 \setlength{\fboxsep}{1pt}
4501 \xepersian@thirdTitle{#1}
4502
4503 \vspace*{5pt}
4504
4505 \xepersian@thirdSubtitle{#2}

```




```

4506
4507 \vspace*{5pt}
4508
4509 {\noindent\ignorespaces %
4510 \ifthenelse{\equal{#4}{}}{}}
4511
4512 \xepersian@thirdText{\timestamp{#6}~#3}
4513
4514 }
4515
4516 \vspace*{5pt}
4517
4518 \end{textblock}
4519 }{%else
4520 \ClassError{xepersian-magazine}{%
4521 \protect\thirdarticle\space in a wrong place.\MessageBreak
4522 \protect\thirdarticle\space may only appear inside frontpage environment.
4523 }{%
4524 \protect\thirdarticle\space may only appear inside frontpage environment.
4525 }%
4526 }
4527 }
4528 \newcommand{\firstimage}[2]
4529 {
4530 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4531 \begin{textblock}{18}(2,5)
4532 \setlength{\fboxsep}{1pt}
4533 \ifxetex % only in PDF
4534 \noindent\fbox{\includegraphics[width = 18\TPHorizModule ]{#1}}
4535 \fi
4536
4537 \xepersian@pictureCaption{#2}
4538 \end{textblock}}%
4539 }
4540 {\ClassError{xepersian-magazine}{%
4541 \protect\firstimage\space in a wrong place.\MessageBreak
4542 \protect\firstimage\space may only appear inside frontpage environment.
4543 }{%
4544 \protect\firstimage\space may only appear inside frontpage environment.
4545 }}
4546 }%
4547 \newcommand{\weatheritem}[5]{%
4548 \ifthenelse{\boolean{xepersian@insideweather}}{
4549 \begin{minipage}{45pt}
4550 \ifxetex
4551 \includegraphics[width=40pt]{#1}
4552 \fi
4553 \end{minipage}
4554 \begin{minipage}{50pt}
4555 \weatherTempFormat

```



```

4556 #2\\
4557 \beginL#3 $| |$ #4 \lr{\weatherUnits{}}\endL\\
4558 #5
4559 \end{minipage}
4560 }{%else
4561 \ClassError{xepersian-magazine}{%
4562 \protect\weatheritem\space in a wrong place.\MessageBreak
4563 \protect\weatheritem\space may only appear inside weatherblock environment.
4564 }{%
4565 \protect\weatheritem\space may only appear inside weatherblock environment.\MessageBreak
4566 weatherblock environment may only appear inside frontpage environment.
4567 }%
4568 }
4569 }
4570 \newenvironment{weatherblock}[1]
4571 {
4572 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4573 \setboolean{xepersian@insideweather}{true}
4574 \begin{textblock}{32}(2,38)
4575 \vspace*{-15pt}
4576
4577 \xepersian@weather{\beginR#1\endR}
4578
4579 \vspace*{5pt}
4580
4581 \noindent\begin{xepersian@fmpage}{32\TPHorizModule}
4582 \begin{minipage}{32\TPHorizModule}
4583 \hspace{5pt}
4584
4585 }{%
4586 \ClassError{xepersian-magazine}{%
4587 weatherblock in a wrong place.\MessageBreak
4588 weatherblock may only appear inside frontpage environment.
4589 }{%
4590 weatherblock may only appear inside frontpage environment.
4591 }
4592 }
4593 }%
4594 {
4595 \end{minipage}
4596 \end{xepersian@fmpage}
4597 \end{textblock}
4598 \setboolean{xepersian@insideweather}{false}
4599 }
4600 \newenvironment{authorblock}[0]
4601 {
4602 \ifthenelse{\boolean{xepersian@insidefrontpage}}{%
4603 \begin{textblock}{15}(36,35)
4604 \setlength{\fboxsep}{5pt}
4605 \begin{xepersian@fmpage}{13\TPHorizModule}

```



```

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

```



```

4656 \vspace{0.5cm}
4657
4658 \noindent\ignorespaces\indexEntrySeparator{}
4659 }{%else
4660 \ClassError{xepersian-magazine}{%
4661 \protect\indexitem\space in a wrong place.\MessageBreak
4662 \protect\indexitem\space may only appear inside indexblock environment.
4663 }{%
4664 \protect\indexitem\space may only appear inside indexblock environment.\MessageBreak
4665 indexblock environment may only appear inside frontpage environment.
4666 }%
4667 }
4668 }
4669 \newcommand{\xepersian@inexpandedtitle}[1]{
4670 \begin{minipage}{.95\textwidth}
4671 \begin{center}
4672 \noindent\Large\textbf{\beginR#1\endR}
4673 \end{center}
4674 \end{minipage}
4675 }
4676 \newcommand{\expandedtitle}[2]{
4677 \end{multicols}
4678
4679 \begin{center}
4680 \setlength{\fboxsep}{5pt}
4681 \setlength{\shadowsize}{2pt}
4682 \ifthenelse{\equal{#1}{shadowbox}}{%
4683 \shadowbox{%
4684 \xepersian@inexpandedtitle{#2}%
4685 }%
4686 }{}
4687 \ifthenelse{\equal{#1}{doublebox}}{%
4688 \doublebox{%
4689 \xepersian@inexpandedtitle{#2}%
4690 }%
4691 }{}
4692 \ifthenelse{\equal{#1}{ovalbox}}{%
4693 \ovalbox{%
4694 \xepersian@inexpandedtitle{#2}%
4695 }%
4696 }{}
4697 \ifthenelse{\equal{#1}{ovalbox}}{%
4698 \ovalbox{%
4699 \xepersian@inexpandedtitle{#2}%
4700 }%
4701 }{}
4702 \ifthenelse{\equal{#1}{lines}}{
4703 \hrule
4704 \vspace*{8pt}
4705 \begin{center}

```



```

4706 \noindent\Large\textbf{#2}
4707 \end{center}
4708 \vspace*{8pt}
4709 \hrule
4710 }{}
4711 \end{center}
4712
4713 \begin{multicols}{\xepersian@ncolumns{}}
4714 \ifnum \xepersian@ncolumns > \minraggedcols
4715 \raggedFormat
4716 \fi
4717 }
4718 \newcommand{\xepersian@incolumntitle}[2]{
4719 \begin{minipage}{#1}
4720 \begin{center}
4721 \noindent\normalsize\textbf{#2}
4722 \end{center}
4723 \end{minipage}
4724 }
4725
4726 \newcommand{\columnntitle}[2]{
4727 \vspace*{5pt}
4728 \begin{center}
4729 \setlength{\fboxsep}{5pt}
4730 \setlength{\shadowsize}{2pt}
4731 \addtolength{\xepersian@coltitsize}{\columnwidth}
4732 \addtolength{\xepersian@coltitsize}{-1\columnsep}
4733 \addtolength{\xepersian@coltitsize}{-5pt}
4734 \addtolength{\xepersian@coltitsize}{-1\shadowsize}
4735 \ifthenelse{\equal{#1}{shadowbox}}{%
4736 \shadowbox{%
4737 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4738 }%
4739 }{}
4740 \ifthenelse{\equal{#1}{doublebox}}{%
4741 \doublebox{%
4742 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4743 }%
4744 }{}
4745 \ifthenelse{\equal{#1}{ovalbox}}{%
4746 \ovalbox{%
4747 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4748 }%
4749 }{}
4750 \ifthenelse{\equal{#1}{Ovalbox}}{%
4751 \Ovalbox{%
4752 \xepersian@incolumntitle{\xepersian@coltitsize}{#2}%
4753 }%
4754 }{}
4755 \ifthenelse{\equal{#1}{lines}}{

```



```

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

```



```

4806 \vspace*{10pt plus 10pt minus 5pt}
4807 \hrule
4808 \vspace*{10pt plus 5pt minus 5pt}
4809 \fi
4810
4811 }
4812 \newcommand{\xepersian@editorialTit}[2]{
4813 \setlength{\arrayrulewidth}{.1pt}
4814 \begin{center}
4815 \begin{tabular}{c}
4816 \noindent
4817 \xepersian@editorialTitle{#1}
4818 \vspace{2pt plus 1pt minus 1pt}
4819 \\
4820 \hline
4821 \vspace{2pt plus 1pt minus 1pt}
4822 \\
4823 \editorialAuthorFormat{#2}
4824 \end{tabular}
4825 \end{center}
4826 }
4827 \newenvironment{editorial}[4]
4828 {
4829 \xepersian@say{Adding a new editorial}
4830 \begin{multicols}{#1}[%
4831 \xepersian@editorialTit{#2}{#3}%
4832 ] [4cm]
4833 \label{#4}
4834 \ifnum #1 > \minraggedcols
4835 \raggedFormat
4836 \fi
4837 }
4838 {
4839 \end{multicols}
4840 }
4841 \newcommand{\xepersian@shortarticleTit}[2]{
4842 \begin{center}
4843 \vbox{%
4844 \noindent
4845 \xepersian@shortarticleTitle{#1}
4846 \vspace{4pt plus 2pt minus 2pt}
4847 \hrule
4848 \vspace{4pt plus 2pt minus 2pt}
4849 \xepersian@shortarticleSubtitle{#2}
4850 }
4851 \end{center}
4852 }
4853 \newenvironment{shortarticle}[4]
4854 {
4855 \xepersian@say{Adding a short article block}

```



```

4856 \begin{multicols}{#1}[\xepersian@shortarticleTit{#2}{#3}][4cm] %
4857     \label{#4}
4858 \par %
4859 \ifnum #1 > \minraggedcols
4860 \raggedFormat
4861 \fi
4862 }
4863 {
4864 \end{multicols}
4865 }
4866 \newcommand{\shortarticleitem}[2]{
4867 \goodbreak
4868 \vspace{5pt plus 3pt minus 3pt}
4869 {\vbox{\noindent\xepersian@shortarticleItemTitle{#1}}}%
4870 \vspace{5pt plus 3pt minus 3pt}
4871 {\noindent #2}\\
4872 }

```

58 File xepersian-mathsdigitspec.sty

```

4873 \NeedsTeXFormat{LaTeX2e}
4874 \ProvidesPackage{xepersian-mathsdigitspec}
4875 [2018/01/01 v1.1.5 Unicode Persian maths digits in XeLaTeX]
4876 \def\new@mathgroup{\alloc@8\mathgroup\chardef\@cclvi}
4877 \let\newfam\new@mathgroup
4878 \def\select@group#1#2#3#4{%
4879 \ifx\math@bgroup\bggroup\else\relax\expandafter\@firstofone\fi
4880 {%
4881 \ifmmode
4882 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
4883 \begin@group
4884 \escapechar\m@ne
4885 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
4886 \globaldefs\@ne \math@fonts
4887 \end@group
4888 \init@restore@version
4889 \xdef#1{\noexpand\use@mathgroup\noexpand#2%
4890 {\number\csname c@mv@\math@version\endcsname}}}%
4891 \global\advance\csname c@mv@\math@version\endcsname\@ne
4892 \else
4893 \let#1\relax
4894 \@latex@error{Too many math alphabets used in
4895 version \math@version}%
4896 \@eha
4897 \fi
4898 \else \expandafter\non@alpherr\fi
4899 #1{#4}%
4900 }%
4901 }
4902 \def\document@select@group#1#2#3#4{%

```




```

4903 \ifx\math@bgroup\bgroup\else\relax\expandafter\@firstofone\fi
4904 {%
4905 \ifmode
4906 \ifnum\csname c@mv@\math@version\endcsname<\@cclvi
4907 \begingroup
4908 \escapechar\m@ne
4909 \getanddefine@fonts{\csname c@mv@\math@version\endcsname}#3%
4910 \globaldefs\@ne \math@fonts
4911 \endgroup
4912 \expandafter\extract@alph@from@version
4913 \csname mv@\math@version\expandafter\endcsname
4914 \expandafter{\number\csname
4915 c@mv@\math@version\endcsname}%
4916 #1%
4917 \global\advance\csname c@mv@\math@version\endcsname\@ne
4918 \else
4919 \let#1\relax
4920 \@latex@error{Too many math alphabets used
4921 in version \math@version}%
4922 \@eha
4923 \fi
4924 \else \expandafter\non@alpherr\fi
4925 #1{#4}%
4926 }%
4927 }
4928 \ExplSyntaxOn
4929 \bool_set_false:N \g__fontspec_math_bool
4930 \tl_map_inline:nn
4931 {
4932 \new@mathgroup\cdp@list\cdp@elt\DeclareMathSizes
4933 \@DeclareMathSizes\newmathalphabet\newmathalphabet@@\newmathalphabet@@@
4934 \DeclareMathVersion\define@mathalphabet\define@mathgroup\addtoversion
4935 \version@list\version@elt\alpha@list\alpha@elt
4936 \restore@mathversion\init@restore@version\dorestore@version\process@table
4937 \new@mathversion\DeclareSymbolFont\group@list\group@elt
4938 \new@symbolfont\SetSymbolFont\SetSymbolFont@\get@cdp
4939 \DeclareMathAlphabet\new@mathalphabet\SetMathAlphabet\SetMathAlphabet@
4940 \DeclareMathAccent\set@mathaccent\DeclareMathSymbol\set@mathchar
4941 \set@mathsymbol\DeclareMathDelimiter\@xxDeclareMathDelimiter
4942 \@DeclareMathDelimiter\@xDeclareMathDelimiter\set@mathdelimiter
4943 \set@@@mathdelimiter\DeclareMathRadical\mathchar@type
4944 \DeclareSymbolFontAlphabet\DeclareSymbolFontAlphabet@
4945 }
4946 {
4947 \tl_remove_once:Nn \@preamblecmds {\do#1}
4948 }
4949 \ExplSyntaxOff
4950 \newcommand\xepersian@PackageInfo[1]{\PackageInfo{xepersian-mathsdigitsspec}{#1}}
4951 \newcommand\SetMathCode[4]{%
4952 \Umathcode#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}

```



```

4953 \newcommand\SetMathCharDef[4]{%
4954   \Umathchardef#1="\mathchar@type#2 \csname sym#3\endcsname #4\relax}
4955 \ExplSyntaxOn
4956 \cs_new_eq:NN \orig_mathbf:n \mathbf
4957 \cs_new_eq:NN \orig_mathit:n \mathit
4958 \cs_new_eq:NN \orig_mathrm:n \mathrm
4959 \cs_new_eq:NN \orig_mathsf:n \mathsf
4960 \cs_new_eq:NN \orig_mathtt:n \mathtt
4961 \NewDocumentCommand \new@mathbf { m } {
4962   \orig_mathbf:n {
4963     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4964       \mathcode ##1 = \numexpr "100 * \symnew@mathbf@font@digits + ##1 \relax
4965     }
4966     #1
4967   }
4968 }
4969 \NewDocumentCommand \new@mathit { m } {
4970   \orig_mathit:n {
4971     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4972       \mathcode ##1 = \numexpr "100 * \symnew@mathit@font@digits + ##1 \relax
4973     }
4974     #1
4975   }
4976 }
4977 \NewDocumentCommand \new@mathrm { m } {
4978   \orig_mathrm:n {
4979     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4980       \mathcode ##1 = \numexpr "100 * \symnew@mathrm@font@digits + ##1 \relax
4981     }
4982     #1
4983   }
4984 }
4985 \NewDocumentCommand \new@mathsf { m } {
4986   \orig_mathsf:n {
4987     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4988       \mathcode ##1 = \numexpr "100 * \symnew@mathsf@font@digits + ##1 \relax
4989     }
4990     #1
4991   }
4992 }
4993 \NewDocumentCommand \new@mathtt { m } {
4994   \orig_mathtt:n {
4995     \int_step_inline:nnnn { `0 } { \c_one } { `9 } {
4996       \mathcode ##1 = \numexpr "100 * \symnew@mathtt@font@digits + ##1 \relax
4997     }
4998     #1
4999   }
5000 }
5001
5002 \DeclareDocumentCommand \setmathdigitfont { 0{} m 0{} }

```



```

5003 {
5004   \_xepersian_main_setmathdigitfont:nn {#1,#3} {#2}
5005 }
5006 \cs_new:Nn \_xepersian_main_setmathdigitfont:nn
5007 {
5008   \let\glb@currsizel\relax
5009   \fontspec_set_family:Nnn \g__xepersian_mathdigitsfamily_tl {Mapping=parsidigits,#1} {#2}
5010   \_xepersian_setmathdigitfont_hook:nn {#1} {#2}
5011   \xepersian@PackageInfo{Defining the default Persian maths digits font as '#2'}
5012   \DeclareSymbolFont{OPERATORS}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5013   \DeclareSymbolFont{new@mathbf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5014   \DeclareSymbolFont{new@mathit@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5015   \DeclareSymbolFont{new@mathrm@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathdigitsfamily_tl}
5016   \def\persianmathsdigits{%
5017     \SetMathCode{`0}{\mathalpha}{OPERATORS}{`0}
5018     \SetMathCode{`1}{\mathalpha}{OPERATORS}{`1}
5019     \SetMathCode{`2}{\mathalpha}{OPERATORS}{`2}
5020     \SetMathCode{`3}{\mathalpha}{OPERATORS}{`3}
5021     \SetMathCode{`4}{\mathalpha}{OPERATORS}{`4}
5022     \SetMathCode{`5}{\mathalpha}{OPERATORS}{`5}
5023     \SetMathCode{`6}{\mathalpha}{OPERATORS}{`6}
5024     \SetMathCode{`7}{\mathalpha}{OPERATORS}{`7}
5025     \SetMathCode{`8}{\mathalpha}{OPERATORS}{`8}
5026     \SetMathCode{`9}{\mathalpha}{OPERATORS}{`9}
5027     \SetMathCode{`\%}{\mathbin}{OPERATORS}{` }
5028     \SetMathCharDef{\decimalseparator}{\mathord}{OPERATORS}{"066B}
5029     \tl_set_eq:NN \mathbf \new@mathbf
5030     \tl_set_eq:NN \mathit \new@mathit
5031     \tl_set_eq:NN \mathrm \new@mathrm
5032   }
5033
5034 \cs_set_eq:NN \_xepersian_setmathdigitfont_hook:nn \use_none:nn
5035
5036 \DeclareDocumentCommand \setmathsfdigitfont { 0{} m 0{} }
5037 {
5038   \_xepersian_main_setmathsfdigitfont:nn {#1,#3} {#2}
5039 }
5040 \cs_new:Nn \_xepersian_main_setmathsfdigitfont:nn
5041 {
5042   \fontspec_set_family:Nnn \g__xepersian_mathsfdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5043   \_xepersian_setmathsfdigitfont_hook:nn {#1} {#2}
5044   \DeclareSymbolFont{new@mathsf@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathsfamily_tl}
5045   \def\persianmathsfdigits{\tl_set_eq:NN \mathsf \new@mathsf}
5046 }
5047
5048 \cs_set_eq:NN \_xepersian_setmathsfdigitfont_hook:nn \use_none:nn
5049
5050 \DeclareDocumentCommand \setmathttdigitfont { 0{} m 0{} }
5051 {
5052   \_xepersian_main_setmathttdigitfont:nn {#1,#3} {#2}

```



```

5053 }
5054 \cs_new:Nn \__xepersian_main_setmathttdigitfont:nn
5055 {
5056   \fontspec_set_family:Nnn \g__xepersian_mathttdigitfamily_tl {Mapping=parsidigits,#1} {#2}
5057   \__xepersian_setmathttdigitfont_hook:nn {#1} {#2}
5058   \DeclareSymbolFont{new@mathtt@font@digits}{\g_fontspec_encoding_tl}{\g__xepersian_mathtt
5059   \def\persianmathttdigits{\tl_set_eq:NN \mathtt \new@mathtt}
5060 }
5061
5062 \cs_set_eq:NN \__xepersian_setmathttdigitfont_hook:nn \use_none:nn
5063
5064 \ExplSyntaxOff
5065 \ifx\newcommand\undefined\else
5066   \newcommand{\ZifferAn}{}
5067 \fi
5068 \mathchardef\ziffer@DotOri="013A
5069 {\ZifferAn
5070   \catcode\.\=\active\gdef.{\begingroup\obeyspaces\futurelet\n\ziffer@dcheck}}
5071 \def\ziffer@dcheck{\ziffer@check\ZifferLeer\ziffer@DotOri}
5072 \def\ziffer@check#1#2{%
5073   \ifx\n1\endgroup#1\else
5074     \ifx\n2\endgroup#1\else
5075       \ifx\n3\endgroup#1\else
5076         \ifx\n4\endgroup#1\else
5077           \ifx\n5\endgroup#1\else
5078             \ifx\n6\endgroup#1\else
5079               \ifx\n7\endgroup#1\else
5080                 \ifx\n8\endgroup#1\else
5081                   \ifx\n9\endgroup#1\else
5082                     \ifx\n0\endgroup#1\else
5083                       \ifx\n\overline\endgroup#1\else
5084                         \endgroup#2%
5085                     \fi
5086                 \fi
5087             \fi
5088         \fi
5089     \fi
5090   \fi
5091   \fi
5092   \fi
5093   \fi
5094   \fi
5095 \fi}
5096 \mathcode\.\="8000\relax
5097 \def\ZifferLeer{\ifx\decimalseparator\undefined.\else\decimalseparator\fi}
5098 \def\DefaultInlineMathsDigits{\def\SetInlineMathsDigits{}}
5099 \def\DefaultDisplayMathsDigits{\def\SetDisplayMathsDigits{}}
5100 \def\DefaultMathsDigits{%
5101   \DefaultInlineMathsDigits%
5102   \DefaultDisplayMathsDigits%

```



```

5103 }
5104 \def\PersianInlineMathsDigits{\def\SetInlineMathsDigits{%
5105 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5106 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5107 \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5108 \def\PersianDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5109 \ifx\persianmathsdigits\undefined\else\persianmathsdigits\fi%
5110 \ifx\persianmathsfdigits\undefined\else\persianmathsfdigits\fi%
5111 \ifx\persianmaththtdigits\undefined\else\persianmaththtdigits\fi}}
5112 \def\PersianMathsDigits{%
5113   \PersianInlineMathsDigits%
5114   \PersianDisplayMathsDigits%
5115 }
5116 \def\AutoInlineMathsDigits{\def\SetInlineMathsDigits{%
5117 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5118 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5119 \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5120 \def\AutoDisplayMathsDigits{\def\SetDisplayMathsDigits{%
5121 \ifx\persianmathsdigits\undefined\else\if@nonlatin\persianmathsdigits\fi\fi%
5122 \ifx\persianmathsfdigits\undefined\else\if@nonlatin\persianmathsfdigits\fi\fi%
5123 \ifx\persianmaththtdigits\undefined\else\if@nonlatin\persianmaththtdigits\fi\fi}}
5124 \def\AutoMathsDigits{%
5125   \AutoInlineMathsDigits%
5126   \AutoDisplayMathsDigits%
5127 }
5128 \AutoMathsDigits
5129 \everymath\expandafter{\the\everymath\SetInlineMathsDigits%
5130   \let\SetDisplayMathsDigits\relax%
5131 }
5132 \everydisplay\expandafter{%
5133   \the\everydisplay\SetDisplayMathsDigits%
5134   \let\SetInlineMathsDigits\relax%
5135 }

```

59 File xepersian-multiplechoice.sty

```

5136 \NeedsTeXFormat{LaTeX2e}
5137 \ProvidesPackage{xepersian-multiplechoice}[2010/07/25 v0.2
5138   Multiple Choice Questionnaire class for Persian in XeLaTeX]
5139 \RequirePackage{pifont}
5140 \RequirePackage{fullpage}
5141 \RequirePackage{ifthen}
5142 \RequirePackage{calc}
5143 \RequirePackage{verbatim}
5144 \RequirePackage{tabularx}
5145 \def\@headerfont{\bfseries}
5146 \newcommand\headerfont[1]{\gdef\@headerfont{#1}}
5147 \def\@X{X}
5148 \newcommand\X[1]{\gdef\@X{#1}}
5149 \def\pbs#1{\let\tmp=\@#1\let\@=\tmp}

```



```

5150 \newcolumnntype{D}{>{\pbs\centering}X}
5151 \newcolumnntype{Q}{>{\@headerfont}X}
5152
5153 \renewcommand\tabularxcolumn[1]{m{#1}}
5154 \newcommand\makeform@nocorrection{%
5155   \addtocontents{frm}{\protect\end{tabularx}}
5156   \@starttoc{frm}}
5157 \newcommand\makeform@correction{%
5158   \addtocontents{frm}{\protect\end{tabularx}}}
5159 \newcommand\makemask@nocorrection{%
5160   \addtocontents{msk}{\protect\end{tabularx}}
5161   \@starttoc{msk}}
5162 \newcommand\makemask@correction{%
5163   \addtocontents{msk}{\protect\end{tabularx}}}
5164 \newlength\questionspace
5165 \setlength\questionspace{0pt}
5166 \newcommand\answerstitle[1]{\gdef\@answerstitle{#1}}
5167 \def\@answerstitlefont{\bfseries}
5168 \newcommand\answerstitlefont[1]{\gdef\@answerstitlefont{#1}}
5169 \def\@answernumberfont{\bfseries}
5170 \newcommand\answernumberfont[1]{\gdef\@answernumberfont{#1}}
5171 \newcounter{question}\stepcounter{question}
5172 \newcounter{@choice}
5173 \def\@initorcheck{%
5174   \xdef\@choices{\the@choice}%
5175   \setcounter{@choice}{1}%
5176   \gdef\@arraydesc{|Q||}%
5177   \gdef\@headerline{}}%
5178 \whiledo{\not{\value{@choice}>\@choices}}{
5179   \xdef\@arraydesc{\@arraydesc D|}
5180   \def\@appendheader{\g@addto@macro\@headerline}
5181   \@appendheader{&\protect\@headerfont}
5182   \edef\@the@choice{{\alph{@choice}}}%
5183   \expandafter\@appendheader\@the@choice
5184   \stepcounter{@choice}}%
5185 \addtocontents{frm}{%
5186   \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5187   \protect\hline
5188   \@headerline\protect\\\protect\hline\protect\hline}%
5189 \addtocontents{msk}{%
5190   \protect\begin{tabularx}{\protect\linewidth}{\@arraydesc}
5191   \protect\hline
5192   \@headerline\protect\\\protect\hline\protect\hline}%
5193 \gdef\@initorcheck{%
5194   \ifthenelse{\value{@choice} = \@choices}{}%
5195   \ClassError{xepersian-multiplechoice}{Question \thequestion: wrong number of choices
5196     (\the@choice\space instead of \@choices)}{%
5197     Questions must all have the same number of proposed answers.%
5198     \MessageBreak
5199     Type X <return> to quit, fix your MCQ (multiple choice question) and rerun XeLaTeX.}}}
```



```

5200 \newenvironment{question}[1]{%
5201   %% \begin{question}
5202   \begin{minipage}{\textwidth}
5203     \xdef\@formanswerline{\@questionheader}%
5204     \xdef\@maskanswerline{\@questionheader}%
5205     \fbox{\parbox[c]{\linewidth}{#1}}
5206     \vspace\questionspace\par
5207     {\@answerstitlefont\@answerstitle}
5208     \begin{list}{\@answernumberfont\alph{choice}}~{\usecounter{choice}}}%
5209   %% \end{question}
5210   \end{list}
5211   \@initortcheck%
5212   \addtocontents{frm}{\@formanswerline\protect\\protect\hline}%
5213   \addtocontents{msk}{\@maskanswerline\protect\\protect\hline}%
5214   \end{minipage}
5215   \stepcounter{question}}
5216 \def\@truesymbol{\ding{52}~}
5217 \def\@falsesymbol{\ding{56}~}
5218 \newcommand\truesymbol[1]{\gdef\@truesymbol{#1}}
5219 \newcommand\falsesymbol[1]{\gdef\@falsesymbol{#1}}
5220 \def\@true@nocorrection{\item}
5221 \def\@false@nocorrection{\item}
5222 \def\@true@correction{\item[\@truesymbol\refstepcounter{choice}]}
5223 \def\@false@correction{\item[\@falsesymbol\refstepcounter{choice}]}
5224 \newcommand\true{%
5225   \xdef\@formanswerline{\@formanswerline&}%
5226   \xdef\@maskanswerline{\@maskanswerline&\@X}%
5227   \@true}%
5228 \newcommand>false{%
5229   \xdef\@formanswerline{\@formanswerline&}%
5230   \xdef\@maskanswerline{\@maskanswerline&}%
5231   \@false}%
5232 \def\@correctionstyle{\itshape}
5233 \newcommand\correctionstyle[1]{\gdef\@correctionstyle{#1}}
5234 \newenvironment{correction}{\@correctionstyle}{\@correctionstyle}{}
5235 \def\@questionheader{\thequestion}
5236 \answerstitle{
5237 \DeclareOption{nocorrection}{%
5238   \let\@true\@true@nocorrection
5239   \let\@false\@false@nocorrection
5240   \let\correction\comment
5241   \let\endcorrection\endcomment
5242   \def\makeform{\makeform@nocorrection}
5243   \def\makemask{\makemask@nocorrection}}
5244 \DeclareOption{correction}{%
5245   \let\@true\@true@correction
5246   \let\@false\@false@correction
5247   \let\correction\@correction
5248   \let\endcorrection\end@correction
5249   \def\makeform{\makeform@correction}

```



```

5250 \def\makemask{\makemask@correction}}
5251 \ExecuteOptions{nocorrection}
5252 \newcommand\questiontitle[1]{\gdef\@questiontitle{#1}}
5253 \def\@questiontitlefont{\bfseries}
5254 \newcommand\questiontitlefont[1]{\gdef\@questiontitlefont{#1}}
5255 \newlength\questiontitlespace
5256 \setlength\questiontitlespace{5pt}
5257 \newlength\questionsepspace
5258 \setlength\questionsepspace{20pt}
5259 \gdef\@questionsepspace{0pt}
5260 \let\old@question\question
5261 \let\old@endquestion\endquestion
5262 \renewenvironment{question}[1]{%
5263   %% \begin{question}
5264   \vspace\@questionsepspace
5265   \fbox{\parbox[c]{0.25\linewidth}{\@questiontitlefont\@questiontitle}}
5266   \nopagebreak\vspace\questiontitlespace\par
5267   \old@question{#1}}{%
5268   %% \end{question}
5269   \old@endquestion
5270   \gdef\@questionsepspace{\questionsepspace}}
5271 \questiontitle{ \thequestion:}
5272 \ProcessOptions

```

60 File xepersian-persiancal.sty

```

5273 \NeedsTeXFormat{LaTeX2e}
5274 \ProvidesPackage{xepersian-persiancal}[2012/07/25 v0.2 provides Persian calendar]
5275
5276 \newif\ifXePersian@leap \newif\ifXePersian@kabiseh
5277 \newcount\XePersian@i \newcount\XePersian@y \newcount\XePersian@m \newcount\XePersian@d
5278 \newcount\XePersian@latini \newcount\XePersian@persiani
5279 \newcount\XePersian@latinii \newcount\XePersian@persianii
5280 \newcount\XePersian@latiniii \newcount\XePersian@persianiii
5281 \newcount\XePersian@latiniv \newcount\XePersian@persianiv
5282 \newcount\XePersian@latinv \newcount\XePersian@persianv
5283 \newcount\XePersian@latinvi \newcount\XePersian@persianvi
5284 \newcount\XePersian@latinvii \newcount\XePersian@persianvii
5285 \newcount\XePersian@latinviii \newcount\XePersian@persianviii
5286 \newcount\XePersian@latinix \newcount\XePersian@persianix
5287 \newcount\XePersian@latinx \newcount\XePersian@persianx
5288 \newcount\XePersian@latinxi \newcount\XePersian@persianxi
5289 \newcount\XePersian@latinxii \newcount\XePersian@persianxii
5290 \newcount\XePersian@persianxiii
5291
5292 \newcount\XePersian@temp
5293 \newcount\XePersian@temptwo
5294 \newcount\XePersian@tempthree
5295 \newcount\XePersian@yModHundred
5296 \newcount\XePersian@thirtytwo

```




```

5297 \newcount\XePersian@dn
5298 \newcount\XePersian@sn
5299 \newcount\XePersian@mminusone
5300
5301
5302 \XePersian@y=\year \XePersian@m=\month \XePersian@d=\day
5303 \XePersian@temp=\XePersian@y
5304 \divide\XePersian@temp by 100\relax
5305 \multiply\XePersian@temp by 100\relax
5306 \XePersian@yModHundred=\XePersian@y
5307 \advance\XePersian@yModHundred by -\XePersian@temp\relax
5308 \ifodd\XePersian@yModHundred
5309   \XePersian@leapfalse
5310 \else
5311   \XePersian@temp=\XePersian@yModHundred
5312   \divide\XePersian@temp by 2\relax
5313   \ifodd\XePersian@temp\XePersian@leapfalse
5314   \else
5315     \ifnum\XePersian@yModHundred=0%
5316       \XePersian@temp=\XePersian@y
5317       \divide\XePersian@temp by 400\relax
5318       \multiply\XePersian@temp by 400\relax
5319       \ifnum\XePersian@y=\XePersian@temp\XePersian@leaptrue\else\XePersian@leapfalse\fi
5320     \else\XePersian@leaptrue
5321     \fi
5322   \fi
5323 \fi
5324 \XePersian@latini=31\relax
5325 \ifXePersian@leap
5326   \XePersian@latinii = 29\relax
5327 \else
5328   \XePersian@latinii = 28\relax
5329 \fi
5330 \XePersian@latiniii = 31\relax
5331 \XePersian@latiniv = 30\relax
5332 \XePersian@latinv = 31\relax
5333 \XePersian@latinvi = 30\relax
5334 \XePersian@latinvii = 31\relax
5335 \XePersian@latinviii = 31\relax
5336 \XePersian@latinix = 30\relax
5337 \XePersian@latinx = 31\relax
5338 \XePersian@latinxi = 30\relax
5339 \XePersian@latinxii = 31\relax
5340 \XePersian@thirtytwo=32\relax
5341 \XePersian@temp=\XePersian@y
5342 \advance\XePersian@temp by -17\relax
5343 \XePersian@temptwo=\XePersian@temp
5344 \divide\XePersian@temptwo by 33\relax
5345 \multiply\XePersian@temptwo by 33\relax
5346 \advance\XePersian@temp by -\XePersian@temptwo

```



```

5347 \ifnum\XePersian@temp=\XePersian@thirtytwo\XePersian@kabisehfalse
5348 \else
5349   \XePersian@temptwo=\XePersian@temp
5350   \divide\XePersian@temptwo by 4\relax
5351   \multiply\XePersian@temptwo by 4\relax
5352   \advance\XePersian@temp by -\XePersian@temptwo
5353   \ifnum\XePersian@temp=\z@\XePersian@kabisehtrue\else\XePersian@kabisehfalse\fi
5354 \fi
5355 \XePersian@tempthree=\XePersian@y % Number of Leap years
5356 \advance\XePersian@tempthree by -1
5357 \XePersian@temp=\XePersian@tempthree % T := (MY-1) div 4
5358 \divide\XePersian@temp by 4\relax
5359 \XePersian@temptwo=\XePersian@tempthree % T := T - ((MY-1) div 100)
5360 \divide\XePersian@temptwo by 100\relax
5361 \advance\XePersian@temp by -\XePersian@temptwo
5362 \XePersian@temptwo=\XePersian@tempthree % T := T + ((MY-1) div 400)
5363 \divide\XePersian@temptwo by 400\relax
5364 \advance\XePersian@temp by \XePersian@temptwo
5365 \advance\XePersian@tempthree by -611 % Number of Kabise years
5366 \XePersian@temptwo=\XePersian@tempthree % T := T - ((SY+10) div 33) * 8
5367 \divide\XePersian@temptwo by 33\relax
5368 \multiply\XePersian@temptwo by 8\relax
5369 \advance\XePersian@temp by -\XePersian@temptwo
5370 \XePersian@temptwo=\XePersian@tempthree %
5371 \divide\XePersian@temptwo by 33\relax
5372 \multiply\XePersian@temptwo by 33\relax
5373 \advance\XePersian@tempthree by -\XePersian@temptwo
5374 \ifnum\XePersian@tempthree=32\advance\XePersian@temp by 1\fi % if (SY+10) mod 33=32 then Inc(T)
5375 \divide\XePersian@tempthree by 4\relax % T := T - ((SY+10) mod 33) div 4
5376 \advance\XePersian@temp by -\XePersian@tempthree
5377 \advance\XePersian@temp by -137 % T := T - 137 Adjust the value
5378 \XePersian@persiani=31
5379 \advance\XePersian@persiani by -\XePersian@temp % now 31 - T is the persiani
5380 \XePersian@persianii = 30\relax
5381 \ifXePersian@kabiseh
5382   \XePersian@persianiii = 30\relax
5383 \else
5384   \XePersian@persianiii = 29\relax
5385 \fi
5386 \XePersian@persianiv = 31\relax
5387 \XePersian@persianv = 31\relax
5388 \XePersian@persianvi = 31\relax
5389 \XePersian@persianvii = 31\relax
5390 \XePersian@persianviii = 31\relax
5391 \XePersian@persianix = 31\relax
5392 \XePersian@persianx = 30\relax
5393 \XePersian@persianxi = 30\relax
5394 \XePersian@persianxii = 30\relax
5395 \XePersian@persianxiii = 30\relax
5396 \XePersian@dn= 0\relax

```



```

5397 \XePersian@sn= 0\relax
5398 \XePersian@mminusone=\XePersian@m
5399 \advance\XePersian@mminusone by -1\relax
5400 \XePersian@i=0\relax
5401 \ifnum\XePersian@i < \XePersian@mminusone
5402 \loop
5403 \advance \XePersian@i by 1\relax
5404 \advance\XePersian@dn by \csname XePersian@latin\romannumeral\the\XePersian@i\endcsname
5405 \ifnum\XePersian@i<\XePersian@mminusone \repeat
5406 \fi
5407 \advance \XePersian@dn by \XePersian@d
5408 \XePersian@i=1\relax
5409 \XePersian@sn = \XePersian@persiani
5410 \ifnum \XePersian@sn<\XePersian@dn
5411 \loop
5412 \advance \XePersian@i by 1\relax
5413 \advance\XePersian@sn by \csname XePersian@persian\romannumeral\the\XePersian@i\endcsname
5414 \ifnum \XePersian@sn<\XePersian@dn \repeat
5415 \fi
5416 \ifnum \XePersian@i < 4
5417 \XePersian@m = 9 \advance\XePersian@m by \XePersian@i
5418 \advance \XePersian@y by -622\relax
5419 \else
5420 \XePersian@m = \XePersian@i \advance \XePersian@m by -3\relax
5421 \advance \XePersian@y by -621\relax
5422 \fi
5423 \advance\XePersian@sn by -\csname XePersian@persian\romannumeral\the\XePersian@i%
5424 \endcsname
5425 \ifnum\XePersian@i = 1
5426 \XePersian@d = \XePersian@dn \advance \XePersian@d by 30 \advance\XePersian@d by -\XePersian@
5427 \else
5428 \XePersian@d = \XePersian@dn \advance \XePersian@d by -\XePersian@sn
5429 \fi
5430 \newcommand*{\persiantoday}{%
5431 \number\XePersian@d\space%
5432 \XePersian@persian@month{\XePersian@m}\space\number\XePersian@y%
5433 }
5434 \let\persianyear\XePersian@y
5435 \let\persianmonth\XePersian@m
5436 \let\persianday\XePersian@d
5437 \def\XePersian@persian@month#1{\ifcase#1\or or\
5438 or\
5439 or\ or\
5440 or\
5441 or\ or\
5442 or\ or\
5443 or\ or\
5444 \fi\

```



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