

# 1 Font definition files for the LH family of Cyrillic fonts

A lot of mostly duplicated code (for different encodings) will probably be removed when an extension to docstrip will be available.

```
1 (X2cmdh)\ProvidesFile{x2cmdh.fd}
2 (X2cmfib)\ProvidesFile{x2cmfib.fd}
3 (X2cmfr)\ProvidesFile{x2cmfr.fd}
4 (X2cmr)\ProvidesFile{x2cmr.fd}
5 (X2cmss)\ProvidesFile{x2cmss.fd}
6 (X2cmtt)\ProvidesFile{x2cmtt.fd}
7 (X2cmvtt)\ProvidesFile{x2cmvtt.fd}
8 (lcmss & X2)\ProvidesFile{x2lcmss.fd}
9 (lcmtt & X2)\ProvidesFile{x2lcmtt.fd}
10 (X2cmbr)\ProvidesFile{x2cmbr.fd}
11 (X2cmtl)\ProvidesFile{x2cmtl.fd}
12 (X2ccr)\ProvidesFile{x2ccr.fd}
13 (T2Acmdh)\ProvidesFile{t2acmdh.fd}
14 (T2Acmfib)\ProvidesFile{t2acmfib.fd}
15 (T2Acmfr)\ProvidesFile{t2acmfr.fd}
16 (T2Acmr)\ProvidesFile{t2acmr.fd}
17 (T2Acms)\ProvidesFile{t2acms.fd}
18 (T2Acmtt)\ProvidesFile{t2acmtt.fd}
19 (T2Acmvtt)\ProvidesFile{t2acmvtt.fd}
20 (lcmss & T2A)\ProvidesFile{t2alcms.fd}
21 (lcmtt & T2A)\ProvidesFile{t2alcmtt.fd}
22 (T2Acubr)\ProvidesFile{t2acubr.fd}
23 (T2Acmtl)\ProvidesFile{t2acmtl.fd}
24 (T2Accr)\ProvidesFile{t2accr.fd}
25 (T2Bcmdh)\ProvidesFile{t2bcmdh.fd}
26 (T2Bcmfib)\ProvidesFile{t2bcmfib.fd}
27 (T2Bcmfr)\ProvidesFile{t2bcmfr.fd}
28 (T2Bcmr)\ProvidesFile{t2bcmr.fd}
29 (T2Bcms)\ProvidesFile{t2bcms.fd}
30 (T2Bcmtt)\ProvidesFile{t2bcmtt.fd}
31 (T2Bcmvtt)\ProvidesFile{t2bcmvtt.fd}
32 (lcmss & T2B)\ProvidesFile{t2blcms.fd}
33 (lcmtt & T2B)\ProvidesFile{t2blcmtt.fd}
34 (T2Bcubr)\ProvidesFile{t2bcubr.fd}
35 (T2Bcmtl)\ProvidesFile{t2bcmtl.fd}
36 (T2Bccr)\ProvidesFile{t2bccr.fd}
37 (T2Ccmdh)\ProvidesFile{t2ccmdh.fd}
38 (T2Ccmfib)\ProvidesFile{t2ccmfib.fd}
39 (T2Ccmfr)\ProvidesFile{t2ccmfr.fd}
40 (T2Ccmr)\ProvidesFile{t2ccmr.fd}
41 (T2Ccms)\ProvidesFile{t2ccms.fd}
42 (T2Ccmtt)\ProvidesFile{t2ccmtt.fd}
43 (T2Ccmvtt)\ProvidesFile{t2ccmvtt.fd}
44 (lcmss & T2C)\ProvidesFile{t2clcms.fd}
45 (lcmtt & T2C)\ProvidesFile{t2clcmtt.fd}
46 (T2Ccubr)\ProvidesFile{t2ccubr.fd}
47 (T2Ccmtl)\ProvidesFile{t2ccmtl.fd}
48 (T2Cccr)\ProvidesFile{t2cccr.fd}
```

49 [2001/08/11 v1.0a Computer Modern Cyrillic font definitions]

The following definitions will be removed when this file will be merged with `cmfonts.fdd`.

```
50 (*!lcmss&!lcmnt)
51 (*!tt)
52 \providecommand{\EC@family}[5]{%
53   \DeclareFontShape{#1}{#2}{#3}{#4}%
54   {<5><6><7><8><9><10><10.95><12><14.4>%
55     <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
56 \!tt)
57 (*tt)
58 \providecommand{\EC@ttfamily}[5]{%
59   \DeclareFontShape{#1}{#2}{#3}{#4}%
60   {<5><6><7><8>#50800%
61     <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86>%
62     <35.83>genb*#5}{}}
63 \!tt)
64 \!lcmss&!lcmnt)
```

LH fonts for X2 encoding.

```
65 (*X2cmdh)
66 % Cyrillic Dunhill
67 \DeclareFontFamily{X2}{cmdh}{}
68 \EC@family{X2}{cmdh}{m}{n}{rxdh}
69 \!X2cmdh)
70 %
71 (*X2cmfib)
72 \DeclareFontFamily{X2}{cmfib}{}
73 \EC@family{X2}{cmfib}{m}{n}{rxfb}
74 \EC@family{X2}{cmfib}{m}{sl}{rxfs}
75 \!X2cmfib)
76 %
77 (*X2cmfr)
78 \DeclareFontFamily{X2}{cmfr}{}
79 \EC@family{X2}{cmfr}{m}{n}{rxff}
80 \EC@family{X2}{cmfr}{m}{it}{rxfi}
81 \!X2cmfr)
82 %
83 (*X2cmr)
84 % Cyrillic Roman
85 \DeclareFontFamily{X2}{cmr}{}
86 %
87 \EC@family{X2}{cmr}{m}{n}{rxrm}
88 \EC@family{X2}{cmr}{m}{sl}{rxsl}
89 \EC@family{X2}{cmr}{m}{it}{rxti}
90 \EC@family{X2}{cmr}{m}{sc}{rxcc}
91 \EC@family{X2}{cmr}{bx}{n}{rxbx}
92 \EC@family{X2}{cmr}{b}{n}{rxrb}
93 \EC@family{X2}{cmr}{bx}{it}{rxbi}
94 \EC@family{X2}{cmr}{bx}{sl}{rxbl}
95 \EC@family{X2}{cmr}{bx}{sc}{rxxc}
96 \EC@family{X2}{cmr}{m}{ui}{rxui}
97 \!X2cmr)
```

```

98 %
99 (*X2cmss)
100 % Cyrillic Sans Serif
101 \DeclareFontFamily{X2}{cmss}{}
102 %
103 \EC@family{X2}{cmss}{m}{n}{rxss}
104 \EC@family{X2}{cmss}{m}{sl}{rxsi}
105 \EC@family{X2}{cmss}{m}{it}{rxsi}
106 \EC@family{X2}{cmss}{bx}{n}{rxsx}
107 \EC@family{X2}{cmss}{bx}{it}{rxso}
108 \EC@family{X2}{cmss}{bx}{sl}{rxso}
109 %
110 \DeclareFontShape{X2}{cmss}{m}{sc}{<->sub*cmr/m/sc}{}
111 % semibold condensed series:
112 \DeclareFontShape{X2}{cmss}{sbc}{n}{%
113   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>rxssdc10%
114 }{}
115 </X2cmss>
116 %
117 (*X2cmtt)
118 % Cyrillic Typewriter
119 \DeclareFontFamily{X2}{cmtt}{\hyphenchar\font\m@ne}
120 %
121 \EC@ttfamily{X2}{cmtt}{m}{n}{rxtt}
122 \EC@ttfamily{X2}{cmtt}{m}{sl}{rxst}
123 \EC@ttfamily{X2}{cmtt}{m}{it}{rxit}
124 \EC@ttfamily{X2}{cmtt}{m}{sc}{rxtc}
125 %
126 \DeclareFontShape{X2}{cmtt}{bx}{n}%
127 (!nowarn) {<->sub*cmtt/m/n}{}
128 (nowarn) {<->ssub*cmtt/m/n}{}
129 \DeclareFontShape{X2}{cmtt}{bx}{it}%
130 (!nowarn) {<->sub*cmtt/m/it}{}
131 (nowarn) {<->ssub*cmtt/m/it}{}
132 </X2cmtt>
133 %
134 (*X2cmvtt)
135 % Cyrillic Variable Typewriter
136 \DeclareFontFamily{X2}{cmvtt}{}
137 %
138 \EC@ttfamily{X2}{cmvtt}{m}{n}{rxvt}
139 \EC@ttfamily{X2}{cmvtt}{m}{it}{rxvi}
140 </X2cmvtt>

LH fonts for T2A encoding.

141 (*T2Acmdh)
142 % Cyrillic Dunhill
143 \DeclareFontFamily{T2A}{cmdh}{}
144 \EC@family{T2A}{cmdh}{m}{n}{ladh}
145 </T2Acmdh>
146 %
147 (*T2Acmfib)
148 \DeclareFontFamily{T2A}{cmfib}{}
149 \EC@family{T2A}{cmfib}{m}{n}{lafb}

```

```

150 \EC@family{T2A}{cmfib}{m}{sl}{lafsf}
151 \T2Acmfib}
152 %
153 (*T2Acmfr)
154 \DeclareFontFamily{T2A}{cmfr}{}
155 \EC@family{T2A}{cmfr}{m}{n}{laff}
156 \EC@family{T2A}{cmfr}{m}{it}{lafi}
157 \T2Acmfr}
158 %
159 (*T2Acmr)
160 % Cyrillic Roman
161 \DeclareFontFamily{T2A}{cmr}{}
162 %
163 \EC@family{T2A}{cmr}{m}{n}{larm}
164 \EC@family{T2A}{cmr}{m}{sl}{lasl}
165 \EC@family{T2A}{cmr}{m}{it}{lati}
166 \EC@family{T2A}{cmr}{m}{sc}{lacc}
167 \EC@family{T2A}{cmr}{bx}{n}{labx}
168 \EC@family{T2A}{cmr}{b}{n}{larb}
169 \EC@family{T2A}{cmr}{bx}{it}{labi}
170 \EC@family{T2A}{cmr}{bx}{sl}{labl}
171 \EC@family{T2A}{cmr}{bx}{sc}{laxc}
172 \EC@family{T2A}{cmr}{m}{ui}{laui}
173 \T2Acmr}
174 %
175 (*T2Acms)
176 % Cyrillic Sans Serif
177 \DeclareFontFamily{T2A}{cms}{}
178 %
179 \EC@family{T2A}{cms}{m}{n}{lass}
180 \EC@family{T2A}{cms}{m}{sl}{lasi}
181 \EC@family{T2A}{cms}{m}{it}{lasi}
182 \EC@family{T2A}{cms}{bx}{n}{lasx}
183 \EC@family{T2A}{cms}{bx}{it}{laso}
184 \EC@family{T2A}{cms}{bx}{sl}{laso}
185 %
186 \DeclareFontShape{T2A}{cms}{m}{sc}{<->sub*cmr/m/sc}{}
187 % semibold condensed series:
188 \DeclareFontShape{T2A}{cms}{sbc}{n}{%
189 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lassdc10%
190 }{}
191 \T2Acms}
192 %
193 (*T2Acmtt)
194 % Cyrillic Typewriter
195 \DeclareFontFamily{T2A}{cmtt}{\hyphenchar\font@m@ne}
196 %
197 \EC@ttfamily{T2A}{cmtt}{m}{n}{latt}
198 \EC@ttfamily{T2A}{cmtt}{m}{sl}{last}
199 \EC@ttfamily{T2A}{cmtt}{m}{it}{lait}
200 \EC@ttfamily{T2A}{cmtt}{m}{sc}{latc}
201 %
202 \DeclareFontShape{T2A}{cmtt}{bx}{n}{%
203 \!nowarn} <->sub*cmtt/m/n}{}

```

```

204 <nowarn> {<->ssub*cmtt/m/n}{-}
205 \DeclareFontShape{T2A}{cmtt}{bx}{it}%
206 <!nowarn> {<->sub*cmtt/m/it}{-}
207 <nowarn> {<->ssub*cmtt/m/it}{-}
208 /T2Acmtt)
209 %
210 (*T2Acmvtt)
211 % Cyrillic Variable Typewriter
212 \DeclareFontFamily{T2A}{cmvtt}{-}
213 %
214 \EC@ttfamily{T2A}{cmvtt}{m}{n}{lavr}
215 \EC@ttfamily{T2A}{cmvtt}{m}{it}{lavr}
216 /T2Acmvtt)

```

LH fonts for T2B encoding.

```

217 (*T2Bcmdh)
218 % Cyrillic Dunhill
219 \DeclareFontFamily{T2B}{cmdh}{-}
220 \EC@family{T2B}{cmdh}{m}{n}{lbdh}
221 /T2Bcmdh)
222 %
223 (*T2Bcmfib)
224 \DeclareFontFamily{T2B}{cmfib}{-}
225 \EC@family{T2B}{cmfib}{m}{n}{lbfib}
226 \EC@family{T2B}{cmfib}{m}{sl}{lbfis}
227 /T2Bcmfib)
228 %
229 (*T2Bcmfr)
230 \DeclareFontFamily{T2B}{cmfr}{-}
231 \EC@family{T2B}{cmfr}{m}{n}{lbfir}
232 \EC@family{T2B}{cmfr}{m}{it}{lbfir}
233 /T2Bcmfr)
234 %
235 (*T2Bcmr)
236 % Cyrillic Roman
237 \DeclareFontFamily{T2B}{cmr}{-}
238 %
239 \EC@family{T2B}{cmr}{m}{n}{lbrm}
240 \EC@family{T2B}{cmr}{m}{sl}{lbrsl}
241 \EC@family{T2B}{cmr}{m}{it}{lbrti}
242 \EC@family{T2B}{cmr}{m}{sc}{lbrcc}
243 \EC@family{T2B}{cmr}{bx}{n}{lbrbx}
244 \EC@family{T2B}{cmr}{b}{n}{lbrb}
245 \EC@family{T2B}{cmr}{bx}{it}{lbrbi}
246 \EC@family{T2B}{cmr}{bx}{sl}{lbrbl}
247 \EC@family{T2B}{cmr}{bx}{sc}{lbrbc}
248 \EC@family{T2B}{cmr}{m}{ui}{lbrui}
249 /T2Bcmr)
250 %
251 (*T2Bcmss)
252 % Cyrillic Sans Serif
253 \DeclareFontFamily{T2B}{cmss}{-}
254 %
255 \EC@family{T2B}{cmss}{m}{n}{lbrss}

```

```

256 \EC@family{T2B}{cmss}{m}{sl}{lbsi}
257 \EC@family{T2B}{cmss}{m}{it}{lbsi}
258 \EC@family{T2B}{cmss}{bx}{n}{lbsx}
259 \EC@family{T2B}{cmss}{bx}{it}{lbsi}
260 \EC@family{T2B}{cmss}{bx}{sl}{lbsi}
261 %
262 \DeclareFontShape{T2B}{cmss}{m}{sc}{<->sub*cmr/m/sc}{-}
263 % semibold condensed series:
264 \DeclareFontShape{T2B}{cmss}{sbc}{n}{%
265 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lbssdc10%
266 }{-}
267 /T2Bcmss}
268 %
269 (*T2Bcmtt)
270 % Cyrillic Typewriter
271 \DeclareFontFamily{T2B}{cmtt}{\hyphenchar\font\m@ne}
272 %
273 \EC@ttfamily{T2B}{cmtt}{m}{n}{lbtt}
274 \EC@ttfamily{T2B}{cmtt}{m}{sl}{lbst}
275 \EC@ttfamily{T2B}{cmtt}{m}{it}{lbit}
276 \EC@ttfamily{T2B}{cmtt}{m}{sc}{lbtc}
277 %
278 \DeclareFontShape{T2B}{cmtt}{bx}{n}{%
279 !nowarn} <->sub*cmtt/m/n}{-}
280 !nowarn} <->ssub*cmtt/m/n}{-}
281 \DeclareFontShape{T2B}{cmtt}{bx}{it}{%
282 !nowarn} <->sub*cmtt/m/it}{-}
283 !nowarn} <->ssub*cmtt/m/it}{-}
284 /T2Bcmtt}
285 %
286 (*T2Bcmvtt)
287 % Cyrillic Variable Typewriter
288 \DeclareFontFamily{T2B}{cmvtt}{-}
289 %
290 \EC@ttfamily{T2B}{cmvtt}{m}{n}{lbvt}
291 \EC@ttfamily{T2B}{cmvtt}{m}{it}{lbvi}
292 /T2Bcmvtt}

LH fonts for T2C encoding.

293 (*T2Ccmdh)
294 % Cyrillic Dunhill
295 \DeclareFontFamily{T2C}{cmdh}{-}
296 \EC@family{T2C}{cmdh}{m}{n}{lcmdh}
297 /T2Ccmdh}
298 %
299 (*T2Ccmfib)
300 \DeclareFontFamily{T2C}{cmfib}{-}
301 \EC@family{T2C}{cmfib}{m}{n}{lcfb}
302 \EC@family{T2C}{cmfib}{m}{sl}{lcfbs}
303 /T2Ccmfib}
304 %
305 (*T2Ccmfr)
306 \DeclareFontFamily{T2C}{cmfr}{-}
307 \EC@family{T2C}{cmfr}{m}{n}{lcff}

```

```

308 \EC@family{T2C}{cmfr}{m}{it}{lcfi}
309 </T2Ccmfr>
310 %
311 (*T2Ccmr)
312 % Cyrillic Roman
313 \DeclareFontFamily{T2C}{cmr}{}
314 %
315 \EC@family{T2C}{cmr}{m}{n}{lcrm}
316 \EC@family{T2C}{cmr}{m}{sl}{lcsl}
317 \EC@family{T2C}{cmr}{m}{it}{lcti}
318 \EC@family{T2C}{cmr}{m}{sc}{lccc}
319 \EC@family{T2C}{cmr}{bx}{n}{lcbx}
320 \EC@family{T2C}{cmr}{b}{n}{lcrb}
321 \EC@family{T2C}{cmr}{bx}{it}{lcbi}
322 \EC@family{T2C}{cmr}{bx}{sl}{lcb1}
323 \EC@family{T2C}{cmr}{bx}{sc}{lcxc}
324 \EC@family{T2C}{cmr}{m}{ui}{lcui}
325 </T2Ccmr>
326 %
327 (*T2Ccmss)
328 % Cyrillic Sans Serif
329 \DeclareFontFamily{T2C}{cmss}{}
330 %
331 \EC@family{T2C}{cmss}{m}{n}{lcss}
332 \EC@family{T2C}{cmss}{m}{sl}{lcsi}
333 \EC@family{T2C}{cmss}{m}{it}{lcsi}
334 \EC@family{T2C}{cmss}{bx}{n}{lcsx}
335 \EC@family{T2C}{cmss}{bx}{it}{lcso}
336 \EC@family{T2C}{cmss}{bx}{sl}{lcso}
337 %
338 \DeclareFontShape{T2C}{cmss}{m}{sc}{<->sub*cmr/m/sc}{}
339 % semibold condensed series:
340 \DeclareFontShape{T2C}{cmss}{sbc}{n}{%
341 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lcssdc10%
342 }{}
343 </T2Ccmss>
344 %
345 (*T2Ccmtt)
346 % Cyrillic Typewriter
347 \DeclareFontFamily{T2C}{cmtt}{\hyphenchar\font\m@ne}
348 %
349 \EC@ttfamily{T2C}{cmtt}{m}{n}{lctt}
350 \EC@ttfamily{T2C}{cmtt}{m}{sl}{lcst}
351 \EC@ttfamily{T2C}{cmtt}{m}{it}{lcit}
352 \EC@ttfamily{T2C}{cmtt}{m}{sc}{lctc}
353 %
354 \DeclareFontShape{T2C}{cmtt}{bx}{n}{%
355 \!nowarn) {<->sub*cmtt/m/n}{}
356 \nowarn) {<->ssub*cmtt/m/n}{}
357 \DeclareFontShape{T2C}{cmtt}{bx}{it}{%
358 \!nowarn) {<->sub*cmtt/m/it}{}
359 \nowarn) {<->ssub*cmtt/m/it}{}
360 </T2Ccmtt>
361 %

```

```

362 (*T2Ccmvtt)
363 % Cyrillic Variable Typewriter
364 \DeclareFontFamily{T2C}{cmvtt}{}
365 %
366 \EC@ttfamily{T2C}{cmvtt}{m}{n}{lcvt}
367 \EC@ttfamily{T2C}{cmvtt}{m}{it}{lcvi}
368 /T2Ccmvtt)

```

## 1.1 Computer Modern Sans

```

369 (*lcmss)
370 (X2)\DeclareFontFamily{X2}{lcmss}{}
371 (T2A)\DeclareFontFamily{T2A}{lcmss}{}
372 (T2B)\DeclareFontFamily{T2B}{lcmss}{}
373 (T2C)\DeclareFontFamily{T2C}{lcmss}{}

374 (X2)\DeclareFontShape{X2}{lcmss}{m}{n}{%
375 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{n}{%
376 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{n}{%
377 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{n}{%
378 <7><8><10><12><13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
379 (X2) rxlq8%
380 (T2A) lalq8%
381 (T2B) lblq8%
382 (T2C) lclq8%
383 }{}

384 (X2)\DeclareFontShape{X2}{lcmss}{m}{In}{%
385 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{In}{%
386 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{In}{%
387 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{In}{%
388 <7><8><10><12><13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
389 (X2) irxlq8%
390 (T2A) ilalq8%
391 (T2B) ilblq8%
392 (T2C) ilclq8%
393 }{}

394 (X2)\DeclareFontShape{X2}{lcmss}{m}{sl}{%
395 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{sl}{%
396 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{sl}{%
397 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{sl}{%
398 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
399 (X2) rxli8%
400 (T2A) lali8%
401 (T2B) lbli8%
402 (T2C) lcli8%
403 }{}

404 (X2)\DeclareFontShape{X2}{lcmss}{m}{Isl}{%
405 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{Isl}{%
406 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{Isl}{%
407 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{Isl}{%
408 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
409 (X2) irxli8%
410 (T2A) ilali8%

```



```

411 (T2B) ilbli8%
412 (T2C) ilcli8%
413 }{}

414 (X2)\DeclareFontShape{X2}{lcmss}{m}{it}{%
415 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{it}{%
416 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{it}{%
417 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{it}{%
418 <->sub*lcmss/m/sl}{}

419 (X2)\DeclareFontShape{X2}{lcmss}{m}{Iit}{%
420 (T2A)\DeclareFontShape{T2A}{lcmss}{m}{Iit}{%
421 (T2B)\DeclareFontShape{T2B}{lcmss}{m}{Iit}{%
422 (T2C)\DeclareFontShape{T2C}{lcmss}{m}{Iit}{%
423 <->sub*lcmss/m/IsI}{}

424 (X2)\DeclareFontShape{X2}{lcmss}{bx}{n}{%
425 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{n}{%
426 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{n}{%
427 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{n}{%
428 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
429 (X2) rxlb8%
430 (T2A) lalb8%
431 (T2B) lblb8%
432 (T2C) lclb8%
433 }{}

434 (X2)\DeclareFontShape{X2}{lcmss}{bx}{In}{%
435 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{In}{%
436 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{In}{%
437 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{In}{%
438 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
439 (X2) irxlb8%
440 (T2A) ilalb8%
441 (T2B) ilblb8%
442 (T2C) ilclb8%
443 }{}

444 (X2)\DeclareFontShape{X2}{lcmss}{bx}{sl}{%
445 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{sl}{%
446 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{sl}{%
447 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{sl}{%
448 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
449 (X2) rxlo8%
450 (T2A) lalo8%
451 (T2B) lblo8%
452 (T2C) lclo8%
453 }{}

454 (X2)\DeclareFontShape{X2}{lcmss}{bx}{IsI}{%
455 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{IsI}{%
456 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{IsI}{%
457 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{IsI}{%
458 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
459 (X2) irxlo8%
460 (T2A) ilalo8%
461 (T2B) ilblo8%
462 (T2C) ilclo8%

```

```

463 }{}
464 (X2)\DeclareFontShape{X2}{lcmss}{bx}{it}{%
465 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{it}{%
466 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{it}{%
467 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{it}{%
468 <->sub*lcmss/bx/sl}{}
469 (X2)\DeclareFontShape{X2}{lcmss}{bx}{Iit}{%
470 (T2A)\DeclareFontShape{T2A}{lcmss}{bx}{Iit}{%
471 (T2B)\DeclareFontShape{T2B}{lcmss}{bx}{Iit}{%
472 (T2C)\DeclareFontShape{T2C}{lcmss}{bx}{Iit}{%
473 <->sub*lcmss/bx/IsI}{}
474 </lcmss>

```

## 1.2 Computer Modern Typewriter

```

475 (*lcmtt)
476 (X2)\DeclareFontFamily{X2}{lcmtt}{\hyphenchar\font\m@ne}
477 (T2A)\DeclareFontFamily{T2A}{lcmtt}{\hyphenchar\font\m@ne}
478 (T2B)\DeclareFontFamily{T2B}{lcmtt}{\hyphenchar\font\m@ne}
479 (T2C)\DeclareFontFamily{T2C}{lcmtt}{\hyphenchar\font\m@ne}
480 (X2)\DeclareFontShape{X2}{lcmtt}{m}{n}{%
481 (T2A)\DeclareFontShape{T2A}{lcmtt}{m}{n}{%
482 (T2B)\DeclareFontShape{T2B}{lcmtt}{m}{n}{%
483 (T2C)\DeclareFontShape{T2C}{lcmtt}{m}{n}{%
484 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
485 (X2) rxlтт8%
486 (T2A) lalтт8%
487 (T2B) lblтт8%
488 (T2C) lclтт8%
489 }{}
490 (X2)\DeclareFontShape{X2}{lcmtt}{m}{In}{%
491 (T2A)\DeclareFontShape{T2A}{lcmtt}{m}{In}{%
492 (T2B)\DeclareFontShape{T2B}{lcmtt}{m}{In}{%
493 (T2C)\DeclareFontShape{T2C}{lcmtt}{m}{In}{%
494 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
495 (X2) irxlтт8%
496 (T2A) ilalтт8%
497 (T2B) ilblтт8%
498 (T2C) ilclтт8%
499 }{}
500 (X2)\DeclareFontShape{X2}{lcmtt}{m}{it}{%
501 (T2A)\DeclareFontShape{T2A}{lcmtt}{m}{it}{%
502 (T2B)\DeclareFontShape{T2B}{lcmtt}{m}{it}{%
503 (T2C)\DeclareFontShape{T2C}{lcmtt}{m}{it}{%
504 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
505 (X2) rxit1000%
506 (T2A) lait1000%
507 (T2B) lbit1000%
508 (T2C) lcit1000%
509 }{}
510 </lcmtt>

```

## 2 Computer Modern Bright family

### 2.1 Computer Modern Bright, T2A encoding

```
511 (*T2Acmb)
512 \DeclareFontFamily{T2A}{cmbr}{}
513 \DeclareFontShape{T2A}{cmbr}{m}{n}{%
514 <5><6><7><8>labmr8%
515 <9>labmr9%
516 <10><10.95><12><14.4>labmr10%
517 <17.28><20.74><24.88><29.86><35.83>labmr17%
518 }{}
519 \DeclareFontShape{T2A}{cmbr}{m}{sl}{%
520 <5><6><7><8>labmo8%
521 <9>labmo9%
522 <10><10.95><12><14.4>labmo10%
523 <17.28><20.74><24.88><29.86><35.83>labmo17%
524 }{}
525 \DeclareFontShape{T2A}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
526 \DeclareFontShape{T2A}{cmbr}{sb}{n}{%
527 <5><6><7><8>labsr8%
528 <9>labsr9%
529 <10><10.95><12><14.4>labsr10%
530 <17.28><20.74><24.88><29.86><35.83>labsr17%
531 }{}
532 \DeclareFontShape{T2A}{cmbr}{sb}{sl}{%
533 <5><6><7><8>labso8%
534 <9>labso9%
535 <10><10.95><12><14.4>labso10%
536 <17.28><20.74><24.88><29.86><35.83>labso17%
537 }{}
538 \DeclareFontShape{T2A}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
539 \DeclareFontShape{T2A}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
540 \DeclareFontShape{T2A}{cmbr}{bx}{n}{%
541 <-9>sub*cmbr/sb/n%
542 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>labbx10%
543 }{}
544 </T2Acmb>
```

### 2.2 Computer Modern Bright, T2B encoding

```
545 (*T2Bcmbr)
546 \DeclareFontFamily{T2B}{cmbr}{}
547 \DeclareFontShape{T2B}{cmbr}{m}{n}{%
548 <5><6><7><8>lbbmr8%
549 <9>lbbmr9%
550 <10><10.95><12><14.4>lbbmr10%
551 <17.28><20.74><24.88><29.86><35.83>lbbmr17%
552 }{}
553 \DeclareFontShape{T2B}{cmbr}{m}{sl}{%
554 <5><6><7><8>lbbmo8%
555 <9>lbbmo9%
556 <10><10.95><12><14.4>lbbmo10%
557 <17.28><20.74><24.88><29.86><35.83>lbbmo17%
558 }{}</pre>
```

```

559 \DeclareFontShape{T2B}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
560 \DeclareFontShape{T2B}{cmbr}{sb}{n}{%
561 <5><6><7><8>lbbsr8%
562 <9>lbbsr9%
563 <10><10.95><12><14.4>lbbsr10%
564 <17.28><20.74><24.88><29.86><35.83>lbbsr17%
565 }{}
566 \DeclareFontShape{T2B}{cmbr}{sb}{sl}{%
567 <5><6><7><8>lbbsr8%
568 <9>lbbsr9%
569 <10><10.95><12><14.4>lbbsr10%
570 <17.28><20.74><24.88><29.86><35.83>lbbsr17%
571 }{}
572 \DeclareFontShape{T2B}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
573 \DeclareFontShape{T2B}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
574 \DeclareFontShape{T2B}{cmbr}{bx}{n}{%
575 <-9>sub*cmbr/sb/n%
576 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>lbbsr10%
577 }{}
578 /T2Bcmbr)

```

### 2.3 Computer Modern Bright, T2C encoding

```

579 (*T2Ccmbr)
580 \DeclareFontFamily{T2C}{cmbr}{}
581 \DeclareFontShape{T2C}{cmbr}{m}{n}{%
582 <5><6><7><8>lcbmr8%
583 <9>lcbmr9%
584 <10><10.95><12><14.4>lcbmr10%
585 <17.28><20.74><24.88><29.86><35.83>lcbmr17%
586 }{}
587 \DeclareFontShape{T2C}{cmbr}{m}{sl}{%
588 <5><6><7><8>lcbmo8%
589 <9>lcbmo9%
590 <10><10.95><12><14.4>lcbmo10%
591 <17.28><20.74><24.88><29.86><35.83>lcbmo17%
592 }{}
593 \DeclareFontShape{T2C}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
594 \DeclareFontShape{T2C}{cmbr}{sb}{n}{%
595 <5><6><7><8>lcbmr8%
596 <9>lcbmr9%
597 <10><10.95><12><14.4>lcbmr10%
598 <17.28><20.74><24.88><29.86><35.83>lcbmr17%
599 }{}
600 \DeclareFontShape{T2C}{cmbr}{sb}{sl}{%
601 <5><6><7><8>lcbso8%
602 <9>lcbso9%
603 <10><10.95><12><14.4>lcbso10%
604 <17.28><20.74><24.88><29.86><35.83>lcbso17%
605 }{}
606 \DeclareFontShape{T2C}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
607 \DeclareFontShape{T2C}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
608 \DeclareFontShape{T2C}{cmbr}{bx}{n}{%
609 <-9>sub*cmbr/sb/n%
610 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>lcbmr10%

```

```
611 }{}
612 </T2Cmbr>
```

## 2.4 Computer Modern Bright, X2 encoding

```
613 (*X2cmbr)
614 \DeclareFontFamily{X2}{cmbr}{}
615 \DeclareFontShape{X2}{cmbr}{m}{n}{%
616 <5><6><7><8>rxbmr8%
617 <9>rxbmr9%
618 <10><10.95><12><14.4>rxbmr10%
619 <17.28><20.74><24.88><29.86><35.83>rxbmr17%
620 }{}
621 \DeclareFontShape{X2}{cmbr}{m}{sl}{%
622 <5><6><7><8>rxbmo8%
623 <9>rxbmo9%
624 <10><10.95><12><14.4>rxbmo10%
625 <17.28><20.74><24.88><29.86><35.83>rxbmo17%
626 }{}
627 \DeclareFontShape{X2}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
628 \DeclareFontShape{X2}{cmbr}{sb}{n}{%
629 <5><6><7><8>rxbsr8%
630 <9>rxbsr9%
631 <10><10.95><12><14.4>rxbsr10%
632 <17.28><20.74><24.88><29.86><35.83>rxbsr17%
633 }{}
634 \DeclareFontShape{X2}{cmbr}{sb}{sl}{%
635 <5><6><7><8>rxbso8%
636 <9>rxbso9%
637 <10><10.95><12><14.4>rxbso10%
638 <17.28><20.74><24.88><29.86><35.83>rxbso17%
639 }{}
640 \DeclareFontShape{X2}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
641 \DeclareFontShape{X2}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
642 \DeclareFontShape{X2}{cmbr}{bx}{n}{%
643 <-9>sub*cmbr/sb/n%
644 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>rxbbx10%
645 }{}
646 </X2cmbr>
```

## 3 Computer Modern Typewriter Light family

### 3.1 Computer Modern Typewriter Light, T2A encoding

```
647 (*T2Acmtl)
648 \DeclareFontFamily{T2A}{cmtl}{\hyphenchar\font\m@ne}
649 \DeclareFontShape{T2A}{cmtl}{m}{n}{%
650 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
651 <20.74><24.88><29.86><35.83>labt110%
652 }{}
653 \DeclareFontShape{T2A}{cmtl}{m}{sl}{%
654 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
655 <20.74><24.88><29.86><35.83>labto10%
656 }{}
657 \DeclareFontShape{T2A}{cmtl}{m}{it}{<->ssub*cmtl/m/sl}{}

```

658 </T2Acm1>

### 3.2 Computer Modern Typewriter Light, T2B encoding

659 (\*T2Bcm1)

```
660 \DeclareFontFamily{T2B}{cm1}{\hyphenchar\font\m@ne}
661 \DeclareFontShape{T2B}{cm1}{m}{n}{%
662 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
663 <20.74><24.88><29.86><35.83>lbbt110%
664 }{}
665 \DeclareFontShape{T2B}{cm1}{m}{sl}{%
666 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
667 <20.74><24.88><29.86><35.83>lbbto10%
668 }{}
669 \DeclareFontShape{T2B}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
670 </T2Bcm1>
```

### 3.3 Computer Modern Typewriter Light, T2C encoding

671 (\*T2Ccm1)

```
672 \DeclareFontFamily{T2C}{cm1}{\hyphenchar\font\m@ne}
673 \DeclareFontShape{T2C}{cm1}{m}{n}{%
674 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
675 <20.74><24.88><29.86><35.83>lcbt110%
676 }{}
677 \DeclareFontShape{T2C}{cm1}{m}{sl}{%
678 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
679 <20.74><24.88><29.86><35.83>lcbto10%
680 }{}
681 \DeclareFontShape{T2C}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
682 </T2Ccm1>
```

### 3.4 Computer Modern Typewriter Light, X2 encoding

683 (\*X2cm1)

```
684 \DeclareFontFamily{X2}{cm1}{\hyphenchar\font\m@ne}
685 \DeclareFontShape{X2}{cm1}{m}{n}{%
686 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
687 <20.74><24.88><29.86><35.83>rxbt110%
688 }{}
689 \DeclareFontShape{X2}{cm1}{m}{sl}{%
690 <5><6><7><8><9><10><10.95><12><14.4><17.28>%
691 <20.74><24.88><29.86><35.83>rxbto10%
692 }{}
693 \DeclareFontShape{X2}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
694 </X2cm1>
```

## 4 Computer Modern Concrete family

### 4.1 Computer Modern Concrete, T2A encoding

695 (\*T2Accr)

```
696 \DeclareFontFamily{T2A}{ccr}{}
697 \DeclareFontShape{T2A}{ccr}{m}{n}{%
698 <5><6><7><8><9><10>gen*laorm%
699 <10.95><12><14.4><17.28><20.74><24.88>laorm10%
```

```

700 }{}
701 \DeclareFontShape{T2A}{ccr}{m}{sl}{%
702 <5><6><7><8><9><10>gen*laosl%
703 <10.95><12><14.4><17.28><20.74><24.88>laosl10%
704 }{}
705 \DeclareFontShape{T2A}{ccr}{m}{it}{%
706 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>laoti10%
707 }{}
708 \DeclareFontShape{T2A}{ccr}{m}{sc}{%
709 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>laocc10%
710 }{}
711 \DeclareFontShape{T2A}{ccr}{bx}{n}{%
712 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
713 }{}
714 \DeclareFontShape{T2A}{ccr}{bx}{sl}{%
715 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
716 }{}
717 \DeclareFontShape{T2A}{ccr}{bx}{it}{%
718 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
719 }{}
720 \DeclareFontShape{T2A}{ccr}{sbc}{n}{%
721 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*lassdc10%
722 }{}
723 </T2Accr>

```

## 4.2 Computer Modern Concrete, T2B encoding

```

724 (*T2Bccr)
725 \DeclareFontFamily{T2B}{ccr}{}
726 \DeclareFontShape{T2B}{ccr}{m}{n}{%
727 <5><6><7><8><9><10>gen*lborm%
728 <10.95><12><14.4><17.28><20.74><24.88>lborm10%
729 }{}
730 \DeclareFontShape{T2B}{ccr}{m}{sl}{%
731 <5><6><7><8><9><10>gen*lbosl%
732 <10.95><12><14.4><17.28><20.74><24.88>lbosl10%
733 }{}
734 \DeclareFontShape{T2B}{ccr}{m}{it}{%
735 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lboti10%
736 }{}
737 \DeclareFontShape{T2B}{ccr}{m}{sc}{%
738 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lbocc10%
739 }{}
740 \DeclareFontShape{T2B}{ccr}{bx}{n}{%
741 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
742 }{}
743 \DeclareFontShape{T2B}{ccr}{bx}{sl}{%
744 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
745 }{}
746 \DeclareFontShape{T2B}{ccr}{bx}{it}{%
747 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
748 }{}
749 \DeclareFontShape{T2B}{ccr}{sbc}{n}{%
750 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*lbssdc10%
751 }{}

```

752 </T2Bccr>

### 4.3 Computer Modern Concrete, T2C encoding

```
753 (*T2Cccr)
754 \DeclareFontFamily{T2C}{ccr}{}
755 \DeclareFontShape{T2C}{ccr}{m}{n}{%
756 <5><6><7><8><9><10>gen*lccorm%
757 <10.95><12><14.4><17.28><20.74><24.88>lccorm10%
758 }{}
759 \DeclareFontShape{T2C}{ccr}{m}{sl}{%
760 <5><6><7><8><9><10>gen*lccosl%
761 <10.95><12><14.4><17.28><20.74><24.88>lccosl10%
762 }{}
763 \DeclareFontShape{T2C}{ccr}{m}{it}{%
764 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lccoti10%
765 }{}
766 \DeclareFontShape{T2C}{ccr}{m}{sc}{%
767 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lccocc10%
768 }{}
769 \DeclareFontShape{T2C}{ccr}{bx}{n}{%
770 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
771 }{}
772 \DeclareFontShape{T2C}{ccr}{bx}{sl}{%
773 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
774 }{}
775 \DeclareFontShape{T2C}{ccr}{bx}{it}{%
776 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
777 }{}
778 \DeclareFontShape{T2C}{ccr}{sbc}{n}{%
779 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*lccssdc10%
780 }{}
781 </T2Cccr>
```

### 4.4 Computer Modern Concrete, X2 encoding

```
782 (*X2ccr)
783 \DeclareFontFamily{X2}{ccr}{}
784 \DeclareFontShape{X2}{ccr}{m}{n}{%
785 <5><6><7><8><9><10>gen*rxorm%
786 <10.95><12><14.4><17.28><20.74><24.88>rxorm10%
787 }{}
788 \DeclareFontShape{X2}{ccr}{m}{sl}{%
789 <5><6><7><8><9><10>gen*rxosl%
790 <10.95><12><14.4><17.28><20.74><24.88>rxosl10%
791 }{}
792 \DeclareFontShape{X2}{ccr}{m}{it}{%
793 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>rxoti10%
794 }{}
795 \DeclareFontShape{X2}{ccr}{m}{sc}{%
796 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>rxocc10%
797 }{}
798 \DeclareFontShape{X2}{ccr}{bx}{n}{%
799 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
800 }{}
801 \DeclareFontShape{X2}{ccr}{bx}{sl}{%
```



```
802 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
803 }{}
804 \DeclareFontShape{X2}{ccr}{bx}{it}{%
805 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
806 }{}
807 \DeclareFontShape{X2}{ccr}{sbc}{n}{%
808 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*rxssdc10%
809 }{}
810 </X2ccr>
```