# 1 Fonts in old T<sub>E</sub>X text Cyrillic encoding (OT2)

These are the font definitions for Computer Modern Cyrillic fonts for old OT2 encoding, based on LH fonts. All font shapes and sizes provided by CM fonts are also supported by LH fonts, so this file is based on cmfonts.fdd and slifonts.fdd. See comments there.

The encoding name for the LH wn\* fonts was 'LWN' in old versions of Babel. However, one should use the name 'OT2' for this encoding.

### 1.1 Computer Modern Roman

```
14 (*OT2cmr)
15 \DeclareFontFamily{OT2}{cmr}{\hyphenchar\font45 }
16 \DeclareFontShape{OT2}{cmr}{m}{n}{%
    <5><6><7><8><9><10><12>gen*wnr%
    <10.95>wnr10%
18
    <14.4>wnr12%
19
    <17.28><20.74><24.88>wnr17}{}
20
21 \DeclareFontShape{OT2}{cmr}{m}{s1}{%
   <5><6><7>wns18%
22
   <8><9>gen*wnsl%
23
   <10><10.95>wnsl10%
24
   <12><14.4><17.28><20.74><24.88>wnsl12}{}
26 \DeclareFontShape{OT2}{cmr}{m}{it}{%
   <5><6><7>wnti7%
27
28
   <8>wnti8%
29
   <9>wnti9%
   <10><10.95>wnti10%
30
    <12><14.4><17.28><20.74><24.88>wnti12}{}
31
32 \DeclareFontShape{OT2}{cmr}{m}{sc}{%
    <5><6><7><8><9><10><10.95><12>%
33
    <14.4><17.28><20.74><24.88>wncsc10}{}
34
35 \DeclareFontShape{OT2}{cmr}{m}{ui}{%
   <5><6><7><8><9><10><10.95><12>%
36
    <14.4><17.28><20.74><24.88>wnu10}{}
37
38 \DeclareFontShape{OT2}{cmr}{b}{n}{%
   <5><6><7><8><9><10><10.95><12>%
39
   <14.4><17.28><20.74><24.88>wnb10}{}
40
41 \DeclareFontShape{OT2}{cmr}{bx}{n}{%
   <5><6><7><8><9>gen*wnbx%
42
   <10><10.95>wnbx10%
43
   <12><14.4><17.28><20.74><24.88>wnbx12}{}
44
45 \DeclareFontShape{OT2}{cmr}{bx}{s1}{%
   <5><6><7><8><9>%
   <10><10.95><12><14.4><17.28><20.74><24.88>wnbxsl10}{}
48 \DeclareFontShape{OT2}{cmr}{bx}{it}{%
   <5><6><7><8><9>%
```

```
50 <10><10.95><12><14.4><17.28><20.74><24.88>wnbxti10}{}
51 \DeclareFontShape{OT2}{cmr}{bx}{ui}{%
52 \langle -nowarn \rangle <->sub*cmr/m/ui}{}
53 \langle +nowarn \rangle <->ssub*cmr/m/ui}{}
54 \langle OT2cmr

1.2 Computer Modern Sans

55 \langle *OT2cmss \rangle
56 \DeclareFontFamily{OT2}{cmss}{\hyphenchar\font45}

57 \DeclareFontFamily{OT2}{cmss}{\hyphenchar\font45}}
```

```
56 \DeclareFontFamily{OT2}{cmss}{\hyphenchar\font45 }
57 \DeclareFontShape\{0T2\}\{cmss\}\{m\}\{n\}\{m\}\}
58 <5><6><7><8>wnss8%
   <9>wnss9%
59
   <10><10.95>wnss10%
60
   <12><14.4>wnss12%
   <17.28><20.74><24.88>wnss17}{}
63 \DeclareFontShape{OT2}{cmss}{m}{it}{%
64 \langle -nowarn \rangle <-> sub*cmss/m/s1}{}
65 (+nowarn) <->ssub*cmss/m/s1}{}
66 \DeclareFontShape{OT2}{cmss}{m}{s1}{{%
67 <5><6><7><8>wnssi8<9>wnssi9%
68 <10><10.95>wnssi10%
69 <12><14.4>wnssi12%
70 <17.28><20.74><24.88>wnssi17}{}
71 \DeclareFontShape{OT2}{cmss}{m}{sc}{%
72 <->sub*cmr/m/sc}{}
73 \DeclareFontShape\{0T2\}\{cmss\}\{m\}\{ui\}\{\%\}\}
74 <->sub*cmr/m/ui}{}
75 \DeclareFontShape{OT2}{cmss}{sbc}{n}{%
76 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>wnssdc10}{}
77 \DeclareFontShape{OT2}{cmss}{bx}{n}{%
   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>wnssbx10}{}
79 \DeclareFontShape\{0T2\}\{cmss\}\{bx\}\{ui\}\{\%\}\}
80 <->sub*cmr/bx/ui}{}
81 (/OT2cmss)
```

#### 1.3 Computer Modern Typewriter

```
82 (*OT2cmtt)
  83 \DeclareFontFamily{OT2}{cmtt}{\hyphenchar\font\m@ne}
  84 \DeclareFontShape{OT2}{cmtt}{m}{n}{%
  85 <5><6><7><8>wntt8<9>wntt9%
  86 <10><10.95>wntt10%
  87 <12><14.4><17.28><20.74><24.88>wntt12}{}
  88 \DeclareFontShape{OT2}{cmtt}{m}{it}{%
  89 <5><6><7><8><9>%
             <10><10.95><12><14.4><17.28><20.74><24.88>wnitt10}{}
  90
  91 \DeclareFontShape{OT2}{cmtt}{m}{s1}{%
  92 <5><6><7><8><9>%
              <10><10.95><12><14.4><17.28><20.74><24.88>wnsltt10}{}
  93
  94 \DeclareFontShape{OT2}{cmtt}{m}{sc}{%
             <5><6><7><8><9>%
             <10><10.95><12><14.4><17.28><20.74><24.88>wntcsc10}{}
  97 \DeclareFontShape{OT2}{cmtt}{m}{ui}{%
  98 \langle -\text{nowarn} \rangle < -> sub*cmtt/m/it}{}
  99 \langle +\text{nowarn} \rangle <->ssub*cmtt/m/it}{}
100 \label{localize} $100 \label{localize} $100 \label{localize} $$100 \label{localize} $
101 \langle -nowarn \rangle <-> sub*cmtt/m/n}{}
102 \langle +nowarn \rangle <->ssub*cmtt/m/n}{}
103 \DeclareFontShape{OT2}{cmtt}{bx}{it}{%
104 \langle -nowarn \rangle <-> sub*cmtt/m/it}{}
105 \langle +nowarn \rangle <-> ssub*cmtt/m/it}{}
106 \DeclareFontShape{OT2}{cmtt}{bx}{ui}{%
107 \langle -nowarn \rangle <-> sub*cmtt/m/it}{}
```

```
108 \langle +nowarn \rangle <->ssub*cmtt/m/it}{}
109 \langle /OT2cmtt \rangle
```

#### 1.4 Computer Modern Variable Typewriter

```
110 (*OT2cmvtt)

111 \DeclareFontFamily{OT2}{cmvtt}{\hyphenchar\font45 }

112 \DeclareFontShape{OT2}{cmvtt}{m}{n}{{}}{{}}{{}}

113 <5><6><7><8><9><10><10.95>%

114 <12><14.4><17.28><20.74><24.88>wnvtt10}{{}}

115 \DeclareFontShape{OT2}{cmvtt}{m}{it}{%}

116 <5><6><7><8><9><10><10.95>%

117 <12><14.4><17.28><20.74><24.88>wnvtt10}{{}}

118 \( \lambda \)
```

### 1.5 Computer Modern Funny

```
 119 \ensuremath{\mbox{$\times$}} 120 \ensuremath{\mbox{$\setminus$}} 120 \ensuremath{\mbox{$\setminus$}} 121 \ensuremath{\mbox{$\setminus$}} 121 \ensuremath{\mbox{$\setminus$}} 122 \ensuremath{\mbox{$\setminus$}} 122 \ensuremath{\mbox{$\setminus$}} 123 \ensuremath{\mbox{$\setminus$}} 123 \ensuremath{\mbox{$\setminus$}} 124 \ensuremath{\mbox{$\setminus$}} 125 \ensuremath{\mbox{$\setminus$}}
```

# 1.6 Computer Modern Dunhill

```
126 \langle *OT2cmdh \rangle

127 \DeclareFontFamily{OT2}{cmdh}{\hyphenchar\font45} }

128 \DeclareFontShape{OT2}{cmdh}{m}{n}{%}

129 \langle 10 \rangle (OT2cmdh)
```

#### 1.7 Computer Modern Fibonacci

## 1.8 Computer Modern Sans for SLİT<sub>E</sub>X

```
136 (*OT2lcmss)
137 \DeclareFontFamily{OT2}{lcmss}{\hyphenchar\font45 }
138 \DeclareFontShape{OT2}{lcmss}{m}{n}{%
139
    <7><8><10><12>%
     <13.82><16.59><19.907><23.89><28.66><34.4><41.28>lwnss8}{}
140
141 \DeclareFontShape{OT2}{lcmss}{m}{In}{%
142 <7><8><10><12>%
    <13.82><16.59><19.907><23.89><28.66><34.4><41.28>ilwnss8}{}
143
144 \DeclareFontShape{OT2}{lcmss}{m}{sl}{%
145 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>lwnssi8}{}
146 \DeclareFontShape{OT2}{lcmss}{m}{Is1}{%
147 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>ilwnssi8}{}
148 \DeclareFontShape{OT2}{lcmss}{m}{it}{%
149 <->sub*lcmss/m/sl}{}
150 \DeclareFontShape{OT2}{lcmss}{m}{Iit}{%
151 <->sub*lcmss/m/Isl}{}
152 \DeclareFontShape{OT2}{1cmss}{bx}{n}{%
153 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>lwnssb8}{}
154 \DeclareFontShape{OT2}{lcmss}{bx}{In}{%
    <13.82><16.59><19.907><23.89><28.66><34.4><41.28>ilwnssb8}{}
156 \DeclareFontShape{OT2}{lcmss}{m}{ui}{%
157 <->sub*cmr/m/ui}{}
158 \DeclareFontShape{OT2}{lcmss}{bx}{ui}{%
```

```
159 <->sub*cmr/m/ui}{}
160 ⟨/OT2lcmss⟩
```

# 1.9 Computer Modern Typewriter for SLiTeX

#### 1.10 Computer Modern Bright

```
174 (*OT2cmbr)
175 \DeclareFontFamily{OT2}{cmbr}{\hyphenchar\font45 }
176 \DeclareFontShape{OT2}{cmbr}{m}{n}{%
     <5><6><7><8>wnbr8%
     <9>wnbr9%
179
     <10><10.95><12><14.4>wnbr10%
     <17.28><20.74><24.88><29.86><35.83>wnbr17%
181 }{}
182 \DeclareFontShape\{OT2\}\{cmbr\}\{m\}\{s1\}\{\%\}\}
183 <5><6><7><8>wnbrs18%
     <9>wnbrs19%
184
    <10><10.95><12><14.4>wnbrsl10%
185
    <17.28><20.74><24.88><29.86><35.83>wnbrsl17%
186
188 \DeclareFontShape{OT2}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
189 \DeclareFontShape\{0T2\}\{cmbr\}\{b\}\{n\}\{<->ssub*cmbr/bx/n\}\{\}
190 \DeclareFontShape{OT2}{cmbr}{bx}{n}{%
    <-9>sub*cmbr/m/n%
     <10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>wnbrbx10%
192
193 }{}
194 (/OT2cmbr)
```

### 1.11 Computer Modern Typewriter Light

#### 1.12 Computer Modern Concrete

```
207 (*OT2ccr)
208 \DeclareFontFamily{OT2}{ccr}{\hyphenchar\font45 }
209 \DeclareFontShape{OT2}{ccr}{m}{n}{%
210 <5><6><7><8><9>gen*wncr%
211 <10><10.95><12><14.4><17.28><20.74><24.88>wncr10%
212 }{}
```

```
213 \DeclareFontShape{OT2}{ccr}{m}{s1}{%
214 <5><6><7><8><9>wncsl9%
215 <10><10.95><12><14.4><17.28><20.74><24.88>wncsl10%
 216 }{}
 217 \DeclareFontShape{OT2}{ccr}{m}{it}{%
 218 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>wncti10%
 219 }{}
 220 \DeclareFontShape{OT2}{ccr}{m}{sc}{\%
221 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>wnccsc10%
222 }{}
223 \DeclareFontShape{OT2}{ccr}{bx}{n}{<->ssub*cmr/bx/n}{}
 224 \ensuremath{\mbox{\sc Nape}} \{0T2\} \{ccr\} \{bx\} \{sl\} \{<->ssub*cmr/bx/sl\} \{\}
 225 \ensuremath{\mbox{\sc Mr/bx/it}} \{ \ensuremath{\mbox{\sc Mr/bx/it}} \} \{ \ensure
 226 \DeclareFontShape{OT2}{ccr}{sbc}{n}{<->ssub*cmss/sbc/n}{}
 227 \DeclareFontShape{OT2}{ccr}{sbc}{sl}{<->ssub*cmss/sbc/n}{}
 228 \enskip {\tt Ccr}{\tt sbc}{\tt it}{\tt <->ssub*cmss/sbc/n}{\tt }{\tt ccr}{\tt sbc}{\tt it}{\tt <->ssub*cmss/sbc/n}{\tt }{\tt ccr}{\tt sbc}{\tt it}{\tt ccr}{\tt ccr}{\tt sbc}{\tt it}{\tt ccr}{\tt ccr}{\tt sbc}{\tt it}{\tt ccr}{\tt ccr}{
 229 \DeclareFontShape{OT2}{ccr}{c}{s1}{%
230 <9>wncslc9%
 231 }{}
 232 (/OT2ccr)
```