

# Upright Digits and Punctuation in Computer Modern Italic

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## Abstract

Computer Modern text italic fonts have been modified in the following manner: all punctuation and digits are unslanted, and the corresponded italic corrections added as kerning. Replacement of cmti\* fonts by cmtiup\* simplifies typesetting of mathematical texts.

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## Preface to Version 2

Version 2, released in 2016, is the first version by Boris Veytsman. This version was commissioned by Princeton University, the publisher of *The Annals of Mathematics*. The original version by Sergei V. Znamenskii supported only italics in OT1 encoding. Since *Annals* needed to typeset French submissions, I added T1 encoded fonts and, for completeness, bold italic versions in both OT1 and T1 encoding.

The original fonts had both MetaFont and Type1 versions, and were done by manual editing of .vpl files. I decided to keep the original files, but use *fontinst* to construct the virtual fonts.

*Boris Veytsman*  
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## Preface

There is a well-known problem with scientific typesetting in  $\text{\TeX}$ : the unslanted digits and punctuation in mathematical formulas are in a terrible dissonance with the slanted digits and in italic text such as theorems and lemmas.

User guides for  $\mathcal{A}\mathcal{M}\mathcal{S}\text{-}\text{\TeX}$  and  $\mathcal{A}\mathcal{M}\mathcal{S}\text{-}\text{\LaTeX}$  macro packages recommend up-righting digits and punctuation using the macro (`\rom{}`) which makes its argument unslanted and adds the italic correction before it. This approach does not give the perfect solution:

- This markup is not style independent.
- This markup requires extra work.
- The proper italic correction should sometimes be improved manually (*I*, *but I*!).
- It is too easy to miss some comma or semicolon especially while copying sentences from other text.

An italic font with unslanted punctuation seems to provide the better solution than the special text markup.

In order to keep backward compatibility, the new font have to differ from the standard computern modern italic in just the two aspects:

1. All digits and punctuation must be unslanted;
2. There must be special kerning to compensate for italic correction.

The package contains the proposed solution support for CM italic, METAFONT sources (possibly minimal modification of `cmti*.mf` sources) for systems without virtual font support, virtual fonts (combining text from `cmti*` and punctuation from `cmr*`) to use with type1 CM fonts and package for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> users.

# 1 User Guide

## 1.1 Installation

To install the fonts on a TDS-compliant system just unpack the file `cmtiup.tds.zip` in your `TEXMF` tree and update the file names database.

## 1.2 Usage

The package does not need any changes in `.map` or `.cfg` files. If you use Computer Modern fonts in Type 1 format, the new fonts will be used in the same format too. If you use them in Metafont format, the new fonts will be in this format.

To use the fonts in plain  $\mathrm{T}_{\mathrm{E}}\mathrm{X}$  or  $\mathcal{A}\mathcal{M}\mathcal{S}\text{-}\mathrm{T}_{\mathrm{E}}\mathrm{X}$ , just load it as

```
\font\upit = cmtiup10
```

and replace `\it` by `\upit` in your document.

In  $\mathcal{A}\mathcal{M}\mathcal{S}\text{-}\mathrm{T}_{\mathrm{E}}\mathrm{X}$  with `amsptt` you alternatively can use

```
\font\proclaimfont = cmtiup10
```

To use the package in  $\mathrm{L}^{\mathrm{A}}\mathrm{T}_{\mathrm{E}}\mathrm{X}$ , just say

```
\usepackage{cmtiup}
```

## 2 Identification

We start with the declaration who we are. Most `.dtx` files put driver code in a separate driver file `.drv`. We roll this code into the main file, and use the pseudo-guard `<gobble>` for it.

```
1 <package>\NeedsTeXFormat{LaTeX2e}
2 <*gobble>
3 \ProvidesFile{cmtiup.dtx}
4 </gobble>
5 <package>\ProvidesPackage{cmtiup.sty}
6 <*gobble | package>
7 [2016/01/16 v2.0 Upright Digits and Punctuation in Computer Modern Italic]
8 </gobble | package>
```

And the driver code:

```
9 <*gobble>
10 \documentclass{ltxdoc}
11 \usepackage{booktabs,amsmath}
12 \usepackage{url,texnames}
13 \newcommand{\FileName}[1]{\hbox{\ttfamily#1}}
14 \usepackage[breaklinks,colorlinks,linkcolor=black,citecolor=black,
15             pagecolor=black,urlcolor=black,hyperindex=false]{hyperref}
16 \usepackage{cmtiup}
17 \PageIndex
18 \CodelineIndex
19 \RecordChanges
20 \EnableCrossrefs
21 \begin{document}
22   \DocInput{cmtiup.dtx}
23 \end{document}
24 </gobble>
```

### 3 Tests

We just show all chars combinations with uprighted right char:

*Test of cmtiup10*

a0a1a2a3a4a5a6a7a8a9a, a%a#a+a/a:a;a; a(a)a[a]a?a!a;a;  
b0b1b2b3b4b5b6b7b8b9b, b%b#b+b/b:b;b; b(b)b[b]b?b!b;b;  
c0c1c2c3c4c5c6c7c8c9c, c%c#c+c/c:c;c; c(c)c[c]c?c!c;c;  
d0d1d2d3d4d5d6d7d8d9d, d%d#d+d/d:d;d; d(d)d[d]d?d!d;d;  
e0e1e2e3e4e5e6e7e8e9e, e%e#e+e/e:e;e; e(e)e[e]e?e!e;e;  
f0f1f2f3f4f5f6f7f8f9f, f%f#f+f/f:f;f; f(f)f[f]f?f!f;f;  
g0g1g2g3g4g5g6g7g8g9g, g%g#g+g/g:g;g; g(g)g[g]g?g!g;g;  
h0h1h2h3h4h5h6h7h8h9h, h%h#h+h/h:h;h; h(h)h[h]h?h!h;h;  
i0i1i2i3i4i5i6i7i8i9i, i%i#i+i/i:i;i; i(i)i[i]i?i!i;i;  
j0j1j2j3j4j5j6j7j8j9j, j%j#j+j/j:j;j; j(j)j[j]j?j!j;j;  
k0k1k2k3k4k5k6k7k8k9k, k%k#k+k/k:k;k; k(k)k[k]k?k!k;k;  
l0l1l2l3l4l5l6l7l8l9l, l%l#l+l/l:l;l; l(l)l[l]l?l!l;l;  
m0m1m2m3m4m5m6m7m8m9m, m%m#m+m/m:m;m; m(m)m[m]m?m!m;m;  
n0n1n2n3n4n5n6n7n8n9n, n%n#n+n/n:n;n; n(n)n[n]n?n!n;n;  
o0o1o2o3o4o5o6o7o8o9o, o%o#o+o/o:o;o; o(o)o[o]o?o!o;o;  
p0p1p2p3p4p5p6p7p8p9p, p%p#p+p/p:p;p; p(p)p[p]p?p!p;p;  
q0q1q2q3q4q5q6q7q8q9q, q%q#q+q/q:q;q; q(q)q[q]q?q!q;q;  
r0r1r2r3r4r5r6r7r8r9r, r%r#r+r/r:r;r; r(r)r[r]r?r!r;r;  
s0s1s2s3s4s5s6s7s8s9s, s%s#s+s/s:s;s; s(s)s[s]s?s!s;s;  
t0t1t2t3t4t5t6t7t8t9t, t%t#t+t/t:t;t; t(t)t[t]t?t!t;t;  
u0u1u2u3u4u5u6u7u8u9u, u%u#u+u/u:u;u; u(u)u[u]u?u!u;u;  
w0w1w2w3w4w5w6w7w8w9w, w%w#w+w/w:w;w; w(w)w[w]w?w!w;w;  
x0x1x2x3x4x5x6x7x8x9x, x%x#x+x/x:x;x; x(x)x[x]x?x!x;x;  
y0y1y2y3y4y5y6y7y8y9y, y%y#y+y/y:y;y; y(y)y[y]y?y!y;y;  
z0z1z2z3z4z5z6z7z8z9z, z%z#z+z/z:z;z; z(z)z[z]z?z!z;z;  
A0A1A2A3A4A5A6A7A8A9A, A%A#A+A/A:A;A; A(A)A[A]A?A!A;A;  
B0B1B2B3B4B5B6B7B8B9B, B%B#B+B/B:B;B; B(B)B[B]B?B!B;B;  
C0C1C2C3C4C5C6C7C8C9C, C%C#C+C/C:C;C; C(C)C[C]C?C!C;C;  
D0D1D2D3D4D5D6D7D8D9D, D%D#D+D/D:D;D; D(D)D[D]D?D!D;D;  
E0E1E2E3E4E5E6E7E8E9E, E%E#E+E/E:E;E; E(E)E[E]E?E!E;E;  
F0F1F2F3F4F5F6F7F8F9F, F%F#F+F/F:F;F; F(F)F[F]F?F!F;F;  
G0G1G2G3G4G5G6G7G8G9G, G%G#G+G/G:G;G; G(G)G[G]G?G!G;G;  
H0H1H2H3H4H5H6H7H8H9H, H%H#H+H/H:H;H; H(H)H[H]H?H!H;H;  
I0I1I2I3I4I5I6I7I8I9I, I%I#I+I/I:I;I; I(I)I[I]I?I!I;I;  
J0J1J2J3J4J5J6J7J8J9J, J%J#J+J/J:J;J; J(J)J[J]J?J!J;J;  
K0K1K2K3K4K5K6K7K8K9K, K%K#K+K/K:K;K; K(K)K[K]K?K!K;K;  
L0L1L2L3L4L5L6L7L8L9L, L%L#L+L/L:L;L; L(L)L[L]L?L!L;L;  
M0M1M2M3M4M5M6M7M8M9M, M%M#M+M/M:M;M; M(M)M[M]M?M!M;M;  
N0N1N2N3N4N5N6N7N8N9N, N%N#N+N/N:N;N; N(N)N[N]N?N!N;N;  
O0O1O2O3O4O5O6O7O8O9O, O%O#O+O/O:O;O; O(O)O[O]O?O!O;O;  
P0P1P2P3P4P5P6P7P8P9P, P%P#P+P/P:P;P; P(P)P[P]P?P!P;P;  
Q0Q1Q2Q3Q4Q5Q6Q7Q8Q9Q, Q%Q#Q+Q/Q:Q;Q; Q(Q)Q[Q]Q?Q!Q;Q;

$R0R1R2R3R4R5R6R7R8R9R$ ,  $R\%R\#R+R/R\cdot R$ ;  $R(R)R[R]R?R!R_{\downarrow}R_{\downarrow}$   
 $S0S1S2S3S4S5S6S7S8S9S$ ,  $S\%S\#S+S/S\cdot S$ ;  $S(S)S[S]S?S!S_{\downarrow}S_{\downarrow}$   
 $T0T1T2T3T4T5T6T7T8T9T$ ,  $T\%T\#T+T/T\cdot T$ ;  $T(T)T[T]T?T!T_{\downarrow}T_{\downarrow}$   
 $U0U1U2U3U4U5U6U7U8U9U$ ,  $U\%U\#U+U/U\cdot U$ ;  $U(U)U[U]U?U!U_{\downarrow}U_{\downarrow}$   
 $W0W1W2W3W4W5W6W7W8W9W$ ,  $W\%W\#W+W/W\cdot W$ ;  $W(W)W[W]W?W!W_{\downarrow}W_{\downarrow}$   
 $X0X1X2X3X4X5X6X7X8X9X$ ,  $X\%X\#X+X/X\cdot X$ ;  $X(X)X[X]X?X!X_{\downarrow}X_{\downarrow}$   
 $Y0Y1Y2Y3Y4Y5Y6Y7Y8Y9Y$ ,  $Y\%Y\#Y+Y/Y\cdot Y$ ;  $Y(Y)Y[Y]Y?Y!Y_{\downarrow}Y_{\downarrow}$   
 $Z0Z1Z2Z3Z4Z5Z6Z7Z8Z9Z$ ,  $Z\%Z\#Z+Z/Z\cdot Z$ ;  $Z(Z)Z[Z]Z?Z!Z_{\downarrow}Z_{\downarrow}$   
 $0\ 1\ 2\ 3\ 4\ 5\ 6\ 7\ 8\ 9$ ,  $\% \# + / \cdot ; ( ) [ ] ? ! \downarrow \downarrow$   
 $!0!1!2!3!4!5!6!7!8!9!$ ,  $! \# ! + ! / ! ! ; ! ( ! ) ! [ ! ] ? ! ! ! \downarrow ! \downarrow$   
 $\#0\#1\#2\#3\#4\#5\#6\#7\#8\#9\#$ ,  $\#\%\#\#\#+\#/\#\cdot\#$ ;  $\#(\#)\#[\#]\#?\#!\#_{\downarrow}\#_{\downarrow}$   
 $\$0\$1\$2\$3\$4\$5\$6\$7\$8\$9\$$ ,  $\$\%\$\#\$+\$/\$\cdot\$$ ;  $\$(\$)\$[\$]\$?\$!\$_{\downarrow}\$_{\downarrow}$   
 $\%0\%1\%2\%3\%4\%5\%6\%7\%8\%9\%$ ,  $\%\%\%\#\%+\%/\%\cdot\%$ ;  $\%(\%)\%[\%]\%?\%!\%_{\downarrow}\%_{\downarrow}$   
 $(0(1(2(3(4(5(6(7(8(9($ ,  $(\%(\#(+(/(:(; (((([([(?(!(\downarrow(\downarrow$   
 $)0)1)2)3)4)5)6)7)8)9)$ ,  $)\%)\#)+)/\cdot); )())())])?)!)_{\downarrow})_{\downarrow}$   
 $-0-1-2-3-4-5-6-7-8-9-$ ,  $-\%-\#-+-/-\cdot-; -(-)-[-]-?-\!-\downarrow-\downarrow$

# *Test of cmbxiup10*

$a0a1a2a3a4a5a6a7a8a9a$ ,  $a\%a\#a+a/a\cdot a$ ;  $a(a)a[a]a?a!a_{\downarrow}a_{\downarrow}$   
 $b0b1b2b3b4b5b6b7b8b9b$ ,  $b\%b\#b+b/b\cdot b$ ;  $b(b)b[b]b?b!b_{\downarrow}b_{\downarrow}$   
 $c0c1c2c3c4c5c6c7c8c9c$ ,  $c\%c\#c+c/c\cdot c$ ;  $c(c)c[c]c?c!c_{\downarrow}c_{\downarrow}$   
 $d0d1d2d3d4d5d6d7d8d9d$ ,  $d\%d\#d+d/d\cdot d$ ;  $d(d)d[d]d?d!d_{\downarrow}d_{\downarrow}$   
 $e0e1e2e3e4e5e6e7e8e9e$ ,  $e\%e\#e+e/e\cdot e$ ;  $e(e)e[e]e?e!e_{\downarrow}e_{\downarrow}$   
 $f0f1f2f3f4f5f6f7f8f9f$ ,  $f\%f\#f+f/f\cdot f$ ;  $f(f)f[f]f?f!f_{\downarrow}f_{\downarrow}$   
 $g0g1g2g3g4g5g6g7g8g9g$ ,  $g\%g\#g+g/g\cdot g$ ;  $g(g)g[g]g?g!g_{\downarrow}g_{\downarrow}$   
 $h0h1h2h3h4h5h6h7h8h9h$ ,  $h\%h\#h+h/h\cdot h$ ;  $h(h)h[h]h?h!h_{\downarrow}h_{\downarrow}$   
 $i0i1i2i3i4i5i6i7i8i9i$ ,  $i\%i\#i+i/i\cdot i$ ;  $i(i)i[i]i?i!i_{\downarrow}i_{\downarrow}$   
 $j0j1j2j3j4j5j6j7j8j9j$ ,  $j\%j\#j+j/j\cdot j$ ;  $j(j)j[j]j?j!j_{\downarrow}j_{\downarrow}$   
 $k0k1k2k3k4k5k6k7k8k9k$ ,  $k\%k\#k+k/k\cdot k$ ;  $k(k)k[k]k?k!k_{\downarrow}k_{\downarrow}$   
 $l0l1l2l3l4l5l6l7l8l9l$ ,  $l\%l\#l+l/l\cdot l$ ;  $l(l)l[l]l?l!l_{\downarrow}l_{\downarrow}$   
 $m0m1m2m3m4m5m6m7m8m9m$ ,  $m\%m\#m+m/m\cdot m$ ;  $m(m)m[m]m?m!m_{\downarrow}m_{\downarrow}$   
 $n0n1n2n3n4n5n6n7n8n9n$ ,  $n\%n\#n+n/n\cdot n$ ;  $n(n)n[n]n?n!n_{\downarrow}n_{\downarrow}$   
 $o0o1o2o3o4o5o6o7o8o9o$ ,  $o\%o\#o+o/o\cdot o$ ;  $o(o)o[o]o?o!o_{\downarrow}o_{\downarrow}$   
 $p0p1p2p3p4p5p6p7p8p9p$ ,  $p\%p\#p+p/p\cdot p$ ;  $p(p)p[p]p?p!p_{\downarrow}p_{\downarrow}$   
 $q0q1q2q3q4q5q6q7q8q9q$ ,  $q\%q\#q+q/q\cdot q$ ;  $q(q)q[q]q?q!q_{\downarrow}q_{\downarrow}$   
 $r0r1r2r3r4r5r6r7r8r9r$ ,  $r\%r\#r+r/r\cdot r$ ;  $r(r)r[r]r?r!r_{\downarrow}r_{\downarrow}$   
 $s0s1s2s3s4s5s6s7s8s9s$ ,  $s\%s\#s+s/s\cdot s$ ;  $s(s)s[s]s?s!s_{\downarrow}s_{\downarrow}$   
 $t0t1t2t3t4t5t6t7t8t9t$ ,  $t\%t\#t+t/t\cdot t$ ;  $t(t)t[t]t?t!t_{\downarrow}t_{\downarrow}$   
 $u0u1u2u3u4u5u6u7u8u9u$ ,  $u\%u\#u+u/u\cdot u$ ;  $u(u)u[u]u?u!u_{\downarrow}u_{\downarrow}$   
 $w0w1w2w3w4w5w6w7w8w9w$ ,  $w\%w\#w+w/w\cdot w$ ;  $w(w)w[w]w?w!w_{\downarrow}w_{\downarrow}$   
 $x0x1x2x3x4x5x6x7x8x9x$ ,  $x\%x\#x+x/x\cdot x$ ;  $x(x)x[x]x?x!x_{\downarrow}x_{\downarrow}$   
 $y0y1y2y3y4y5y6y7y8y9y$ ,  $y\%y\#y+y/y\cdot y$ ;  $y(y)y[y]y?y!y_{\downarrow}y_{\downarrow}$   
 $z0z1z2z3z4z5z6z7z8z9z$ ,  $z\%z\#z+z/z\cdot z$ ;  $z(z)z[z]z?z!z_{\downarrow}z_{\downarrow}$   
 $A0A1A2A3A4A5A6A7A8A9A$ ,  $A\%A\#A+A/A\cdot A$ ;  $A(A)A[A]A?A!A_{\downarrow}A_{\downarrow}$   
 $B0B1B2B3B4B5B6B7B8B9B$ ,  $B\%B\#B+B/B\cdot B$ ;  $B(B)B[B]B?B!B_{\downarrow}B_{\downarrow}$   
 $C0C1C2C3C4C5C6C7C8C9C$ ,  $C\%C\#C+C/C\cdot C$ ;  $C(C)C[C]C?C!C_{\downarrow}C_{\downarrow}$

$D0D1D2D3D4D5D6D7D8D9D$ ,  $D\%D\#D+D/D:D$ ;  $D(D)D[D]D?D!D_{\downarrow}D_{\downarrow}$   
 $E0E1E2E3E4E5E6E7E8E9E$ ,  $E\%E\#E+E/E:E$ ;  $E(E)E[E]E?E!E_{\downarrow}E_{\downarrow}$   
 $F0F1F2F3F4F5F6F7F8F9F$ ,  $F\%F\#F+F/F:F$ ;  $F(F)F[F]F?F!F_{\downarrow}F_{\downarrow}$   
 $G0G1G2G3G4G5G6G7G8G9G$ ,  $G\%G\#G+G/G:G$ ;  $G(G)G[G]G?G!G_{\downarrow}G_{\downarrow}$   
 $H0H1H2H3H4H5H6H7H8H9H$ ,  $H\%H\#H+H/H:H$ ;  $H(H)H[H]H?H!H_{\downarrow}H_{\downarrow}$   
 $I0I1I2I3I4I5I6I7I8I9I$ ,  $I\%I\#I+I/I:I$ ;  $I(I)I[I]I?I!I_{\downarrow}I_{\downarrow}$   
 $J0J1J2J3J4J5J6J7J8J9J$ ,  $J\%J\#J+J/J:J$ ;  $J(J)J[J]J?J!J_{\downarrow}J_{\downarrow}$   
 $K0K1K2K3K4K5K6K7K8K9K$ ,  $K\%K\#K+K/K:K$ ;  $K(K)K[K]K?K!K_{\downarrow}K_{\downarrow}$   
 $L0L1L2L3L4L5L6L7L8L9L$ ,  $L\%L\#L+L/L:L$ ;  $L(L)L[L]L?L!L_{\downarrow}L_{\downarrow}$   
 $M0M1M2M3M4M5M6M7M8M9M$ ,  $M\%M\#M+M/M:M$ ;  $M(M)M[M]M?M!M_{\downarrow}M_{\downarrow}$   
 $N0N1N2N3N4N5N6N7N8N9N$ ,  $N\%N\#N+N/N:N$ ;  $N(N)N[N]N?N!N_{\downarrow}N_{\downarrow}$   
 $O0O1O2O3O4O5O6O7O8O9O$ ,  $O\%O\#O+O/O:O$ ;  $O(O)O[O]O?O!O_{\downarrow}O_{\downarrow}$   
 $P0P1P2P3P4P5P6P7P8P9P$ ,  $P\%P\#P+P/P:P$ ;  $P(P)P[P]P?P!P_{\downarrow}P_{\downarrow}$   
 $Q0Q1Q2Q3Q4Q5Q6Q7Q8Q9Q$ ,  $Q\%Q\#Q+Q/Q:Q$ ;  $Q(Q)Q[Q]Q?Q!Q_{\downarrow}Q_{\downarrow}$   
 $R0R1R2R3R4R5R6R7R8R9R$ ,  $R\%R\#R+R/R:R$ ;  $R(R)R[R]R?R!R_{\downarrow}R_{\downarrow}$   
 $S0S1S2S3S4S5S6S7S8S9S$ ,  $S\%S\#S+S/S:S$ ;  $S(S)S[S]S?S!S_{\downarrow}S_{\downarrow}$   
 $T0T1T2T3T4T5T6T7T8T9T$ ,  $T\%T\#T+T/T:T$ ;  $T(T)T[T]T?T!T_{\downarrow}T_{\downarrow}$   
 $U0U1U2U3U4U5U6U7U8U9U$ ,  $U\%U\#U+U/U:U$ ;  $U(U)U[U]U?U!U_{\downarrow}U_{\downarrow}$   
 $W0W1W2W3W4W5W6W7W8W9W$ ,  $W\%W\#W+W/W:W$ ;  $W(W)W[W]W?W!W_{\downarrow}W_{\downarrow}$   
 $X0X1X2X3X4X5X6X7X8X9X$ ,  $X\%X\#X+X/X:X$ ;  $X(X)X[X]X?X!X_{\downarrow}X_{\downarrow}$   
 $Y0Y1Y2Y3Y4Y5Y6Y7Y8Y9Y$ ,  $Y\%Y\#Y+Y/Y:Y$ ;  $Y(Y)Y[Y]Y?Y!Y_{\downarrow}Y_{\downarrow}$   
 $Z0Z1Z2Z3Z4Z5Z6Z7Z8Z9Z$ ,  $Z\%Z\#Z+Z/Z:Z$ ;  $Z(Z)Z[Z]Z?Z!Z_{\downarrow}Z_{\downarrow}$   
 $0\ 1\ 2\ 3\ 4\ 5\ 6\ 7\ 8\ 9$ ,  $\% \# + / : ; ( ) [ ] ? ! _{ \downarrow } i$   
 $!0!1!2!3!4!5!6!7!8!9!$ ,  $!\%!\#!\+!/!;!;$   $!(!)![!]?!!!_{\downarrow}!$   
 $\#0\#\#1\#2\#3\#4\#5\#6\#7\#8\#9\#$ ,  $\#\%\#\#\#+\#/\#:\#;$   $\#(\#)\#[\#]\#?\#!\#_{\downarrow}\#_{\downarrow}$   
 $\$0\$1\$2\$3\$4\$5\$6\$7\$8\$9\$$ ,  $\%\$\#\$\#+\$/\$: \$;$   $\$(\$)\$[\$]\$?\$!\$_{\downarrow}\$_{\downarrow}$   
 $\%0\%1\%2\%3\%4\%5\%6\%7\%8\%9\%$ ,  $\%\%\#\%\#+\%/\%:\%;$   $\%(\%)\%[\%]\%?\%!\%_{\downarrow}\%_{\downarrow}$   
 $(0(1(2(3(4(5(6(7(8(9($ ,  $(\%(\#(+(/(:;(((([([(?(!(_i$   
 $)0)1)2)3)4)5)6)7)8)9)$ ,  $)\%)\#)\+)(/):;)))))])?)!)_{\downarrow}$   
 $-0-1-2-3-4-5-6-7-8-9-$ ,  $-\%-\#-+-/-:-;$   $-(-)-[-]-?!\-_{\downarrow}-_{\downarrow}$

Test of ectiup1000

$a0a1a2a3a4a5a6a7a8a9a$ ,  $a\%a\#a+a/a:a$ ;  $a(a)a[a]a?a!a_{\downarrow}a_{\downarrow}$   
 $b0b1b2b3b4b5b6b7b8b9b$ ,  $b\%b\#b+b/b:b$ ;  $b(b)b[b]b?b!b_{\downarrow}b_{\downarrow}$   
 $c0c1c2c3c4c5c6c7c8c9c$ ,  $c\%c\#c+c/c:c$ ;  $c(c)c[c]c?c!c_{\downarrow}c_{\downarrow}$   
 $d0d1d2d3d4d5d6d7d8d9d$ ,  $d\%d\#d+d/d:d$ ;  $d(d)d[d]d?d!d_{\downarrow}d_{\downarrow}$   
 $e0e1e2e3e4e5e6e7e8e9e$ ,  $e\%e\#e+e/e:e$ ;  $e(e)e[e]e?e!e_{\downarrow}e_{\downarrow}$   
 $f0f1f2f3f4f5f6f7f8f9f$ ,  $f\%f\#f+f/f:f$ ;  $f(f)f[f]f?f!f_{\downarrow}f_{\downarrow}$   
 $g0g1g2g3g4g5g6g7g8g9g$ ,  $g\%g\#g+g/g:g$ ;  $g(g)g[g]g?g!g_{\downarrow}g_{\downarrow}$   
 $h0h1h2h3h4h5h6h7h8h9h$ ,  $h\%h\#h+h/h:h$ ;  $h(h)h[h]h?h!h_{\downarrow}h_{\downarrow}$   
 $i0i1i2i3i4i5i6i7i8i9i$ ,  $i\%i\#i+i/i:i$ ;  $i(i)i[i]i?i!i_{\downarrow}i_{\downarrow}$   
 $j0j1j2j3j4j5j6j7j8j9j$ ,  $j\%j\#j+j/j:j$ ;  $j(j)j[j]j?j!j_{\downarrow}j_{\downarrow}$   
 $k0k1k2k3k4k5k6k7k8k9k$ ,  $k\%k\#k+k/k:k$ ;  $k(k)k[k]k?k!k_{\downarrow}k_{\downarrow}$   
 $l0l1l2l3l4l5l6l7l8l9l$ ,  $l\%l\#l+l/l:l$ ;  $l(l)l[l]l?l!l_{\downarrow}l_{\downarrow}$   
 $m0m1m2m3m4m5m6m7m8m9m$ ,  $m\%m\#m+m/m:m$ ;  $m(m)m[m]m?m!m_{\downarrow}m_{\downarrow}$   
 $n0n1n2n3n4n5n6n7n8n9n$ ,  $n\%n\#n+n/n:n$ ;  $n(n)n[n]n?n!n_{\downarrow}n_{\downarrow}$



o0o1o2o3o4o5o6o7o8o9o, o%o#o+o/o:o; o(o)o[o]o?o!o;o  
 p0p1p2p3p4p5p6p7p8p9p, p%p#p+p/p:p; p(p)p[p]p?p!p;p  
 q0q1q2q3q4q5q6q7q8q9q, q%q#q+q/q:q; q(q)q[q]q?q!q;q  
 r0r1r2r3r4r5r6r7r8r9r, r%r#r+r/r:r; r(r)r[r]r?r!r;r  
 s0s1s2s3s4s5s6s7s8s9s, s%s#s+s/s:s; s(s)s[s]s?s!s;s  
 t0t1t2t3t4t5t6t7t8t9t, t%t#t+t/t:t; t(t)t[t]t?t!t;t  
 u0u1u2u3u4u5u6u7u8u9u, u%u#u+u/u:u; u(u)u[u]u?u!u;u  
 w0w1w2w3w4w5w6w7w8w9w, w%w#w+w/w:w; w(w)w[w]w?w!w;w  
 x0x1x2x3x4x5x6x7x8x9x, x%x#x+x/x:x; x(x)x[x]x?x!x;x  
 y0y1y2y3y4y5y6y7y8y9y, y%y#y+y/y:y; y(y)y[y]y?y!y;y  
 z0z1z2z3z4z5z6z7z8z9z, z%z#z+z/z:z; z(z)z[z]z?z!z;z  
 A0A1A2A3A4A5A6A7A8A9A, A%A#A+A/A:A; A(A)A[A]A?A!A;A  
 B0B1B2B3B4B5B6B7B8B9B, B%B#B+B/B:B; B(B)B[B]B?B!B;B  
 C0C1C2C3C4C5C6C7C8C9C, C%C#C+C/C:C; C(C)C[C]C?C!C;C  
 D0D1D2D3D4D5D6D7D8D9D, D%D#D+D/D:D; D(D)D[D]D?D!D;D  
 E0E1E2E3E4E5E6E7E8E9E, E%E#E+E/E:E; E(E)E[E]E?E!E;E  
 F0F1F2F3F4F5F6F7F8F9F, F%F#F+F/F:F; F(F)F[F]F?F!F;F  
 G0G1G2G3G4G5G6G7G8G9G, G%G#G+G/G:G; G(G)G[G]G?G!G;G  
 H0H1H2H3H4H5H6H7H8H9H, H%H#H+H/H:H; H(H)H[H]H?H!H;H  
 I0I1I2I3I4I5I6I7I8I9I, I%I#I+I/I:I; I(I)I[I]I?I!I;I  
 J0J1J2J3J4J5J6J7J8J9J, J%J#J+J/J:J; J(J)J[J]J?J!J;J  
 K0K1K2K3K4K5K6K7K8K9K, K%K#K+K/K:K; K(K)K[K]K?K!K;K  
 L0L1L2L3L4L5L6L7L8L9L, L%L#L+L/L:L; L(L)L[L]L?L!L;L  
 M0M1M2M3M4M5M6M7M8M9M, M%M#M+M/M:M; M(M)M[M]M?M!M;M  
 N0N1N2N3N4N5N6N7N8N9N, N%N#N+N/N:N; N(N)N[N]N?N!N;N  
 O0O1O2O3O4O5O6O7O8O9O, O%O#O+O/O:O; O(O)O[O]O?O!O;O  
 P0P1P2P3P4P5P6P7P8P9P, P%P#P+P/P:P; P(P)P[P]P?P!P;P  
 Q0Q1Q2Q3Q4Q5Q6Q7Q8Q9Q, Q%Q#Q+Q/Q:Q; Q(Q)Q[Q]Q?Q!Q;Q  
 R0R1R2R3R4R5R6R7R8R9R, R%R#R+R/R:R; R(R)R[R]R?R!R;R  
 S0S1S2S3S4S5S6S7S8S9S, S%S#S+S/S:S; S(S)S[S]S?S!S;S  
 T0T1T2T3T4T5T6T7T8T9T, T%T#T+T/T:T; T(T)T[T]T?T!T;T  
 U0U1U2U3U4U5U6U7U8U9U, U%U#U+U/U:U; U(U)U[U]U?U!U;U  
 W0W1W2W3W4W5W6W7W8W9W, W%W#W+W/W:W; W(W)W[W]W?W!W;W  
 X0X1X2X3X4X5X6X7X8X9X, X%X#X+X/X:X; X(X)X[X]X?X!X;X  
 Y0Y1Y2Y3Y4Y5Y6Y7Y8Y9Y, Y%Y#Y+Y/Y:Y; Y(Y)Y[Y]Y?Y!Y;Y  
 Z0Z1Z2Z3Z4Z5Z6Z7Z8Z9Z, Z%Z#Z+Z/Z:Z; Z(Z)Z[Z]Z?Z!Z;Z  
 0 1 2 3 4 5 6 7 8 9 , % # + / : ; ( ) [ ] ? ! ; i  
 !0!1!2!3!4!5!6!7!8!9!, !%#!+!/!;!; !(!)![]!?!;!i  
 #0#1#2#3#4#5#6#7#8#9#, #%####+#/#:#; #(#)#[#]#?#!#;#i  
 \$0\$1\$2\$3\$4\$5\$6\$7\$8\$9\$, %\$#\$+\$/\$:\$. \$(\$) \$[ \$ ] \$ ? \$ ! \$ ; \$ i  
 %0%1%2%3%4%5%6%7%8%9%, %%###+%//%:%; %(%)%[%]??%!%;i  
 (0(1(2(3(4(5(6(7(8(9(, (%(#(+/(:(; ((((|(|(?(!;i  
 )0)1)2)3)4)5)6)7)8)9), )%(#)+)/:); )((( ))) ) ? ) ! ) ; ) i  
 -0-1-2-3-4-5-6-7-8-9-, -%-#-+-/-:-; -(-)-[-]-?--i

Test of ecbiup1000

a0a1a2a3a4a5a6a7a8a9a, a%a#a+a/a:a; a(a)a[a]a?a!a;a;  
b0b1b2b3b4b5b6b7b8b9b, b%b#b+b/b:b; b(b)b[b]b?b!b;b;  
c0c1c2c3c4c5c6c7c8c9c, c%c#c+c/c:c; c(c)c[c]c?c!c;c;  
d0d1d2d3d4d5d6d7d8d9d, d%d#d+d/d:d; d(d)d[d]d?d!d;d;  
e0e1e2e3e4e5e6e7e8e9e, e%e#e+e/e:e; e(e)e[e]e?e!e;e;  
f0f1f2f3f4f5f6f7f8f9f, f%f#f+f/f:f; f(f)f[f]f?f!f;f;  
g0g1g2g3g4g5g6g7g8g9g, g%g#g+g/g:g; g(g)g[g]g?g!g;g;  
h0h1h2h3h4h5h6h7h8h9h, h%h#h+h/h:h; h(h)h[h]h?h!h;h;  
i0i1i2i3i4i5i6i7i8i9i, i%i#i+i/i:i; i(i)i[i]i?i!i;i;  
j0j1j2j3j4j5j6j7j8j9j, j%j#j+j/j:j; j(j)j[j]j?j!j;j;  
k0k1k2k3k4k5k6k7k8k9k, k%k#k+k/k:k; k(k)k[k]k?k!k;k;  
l0l1l2l3l4l5l6l7l8l9l, l%l#l+l/l:l; l(l)l[l]l?l!l;l;  
m0m1m2m3m4m5m6m7m8m9m, m%m#m+m/m:m; m(m)m[m]m?m!m;m;  
n0n1n2n3n4n5n6n7n8n9n, n%n#n+n/n:n; n(n)n[n]n?n!n;n;  
o0o1o2o3o4o5o6o7o8o9o, o%o#o+o/o:o; o(o)o[o]o?o!o;o;  
p0p1p2p3p4p5p6p7p8p9p, p%p#p+p/p:p; p(p)p[p]p?p!p;p;  
q0q1q2q3q4q5q6q7q8q9q, q%q#q+q/q:q; q(q)q[q]q?q!q;q;  
r0r1r2r3r4r5r6r7r8r9r, r%r#r+r/r:r; r(r)r[r]r?r!r;r;  
s0s1s2s3s4s5s6s7s8s9s, s%s#s+s/s:s; s(s)s[s]s?s!s;s;  
t0t1t2t3t4t5t6t7t8t9t, t%t#t+t/t:t; t(t)t[t]t?t!t;t;  
u0u1u2u3u4u5u6u7u8u9u, u%u#u+u/u:u; u(u)u[u]u?u!u;u;  
w0w1w2w3w4w5w6w7w8w9w, w%w#w+w/w:w; w(w)w[w]w?w!w;w;  
x0x1x2x3x4x5x6x7x8x9x, x%x#x+x/x:x; x(x)x[x]x?x!x;x;  
y0y1y2y3y4y5y6y7y8y9y, y%y#y+y/y:y; y(y)y[y]y?y!y;y;  
z0z1z2z3z4z5z6z7z8z9z, z%z#z+z/z:z; z(z)z[z]z?z!z;z;  
A0A1A2A3A4A5A6A7A8A9A, A%A#A+A/A:A; A(A)A[A]A?A!A;A;  
B0B1B2B3B4B5B6B7B8B9B, B%B#B+B/B:B; B(B)B[B]B?B!B;B;  
C0C1C2C3C4C5C6C7C8C9C, C%C#C+C/C:C; C(C)C[C]C?C!C;C;  
D0D1D2D3D4D5D6D7D8D9D, D%D#D+D/D:D; D(D)D[D]D?D!D;D;  
E0E1E2E3E4E5E6E7E8E9E, E%E#E+E/E:E; E(E)E[E]E?E!E;E;  
F0F1F2F3F4F5F6F7F8F9F, F%F#F+F/F:F; F(F)F[F]F?F!F;F;  
G0G1G2G3G4G5G6G7G8G9G, G%G#G+G/G:G; G(G)G[G]G?G!G;G;  
H0H1H2H3H4H5H6H7H8H9H, H%H#H+H/H:H; H(H)H[H]H?H!H;H;  
I0I1I2I3I4I5I6I7I8I9I, I%I#I+I/I:I; I(I)I[I]I?I!I;I;  
J0J1J2J3J4J5J6J7J8J9J, J%J#J+J/J:J; J(J)J[J]J?J!J;J;  
K0K1K2K3K4K5K6K7K8K9K, K%K#K+K/K:K; K(K)K[K]K?K!K;K;  
L0L1L2L3L4L5L6L7L8L9L, L%L#L+L/L:L; L(L)L[L]L?L!L;L;  
M0M1M2M3M4M5M6M7M8M9M, M%M#M+M/M:M; M(M)M[M]M?M!M;M;  
N0N1N2N3N4N5N6N7N8N9N, N%N#N+N/N:N; N(N)N[N]N?N!N;N;  
O0O1O2O3O4O5O6O7O8O9O, O%O#O+O/O:O; O(O)O[O]O?O!O;O;  
P0P1P2P3P4P5P6P7P8P9P, P%P#P+P/P:P; P(P)P[P]P?P!P;P;  
Q0Q1Q2Q3Q4Q5Q6Q7Q8Q9Q, Q%Q#Q+Q/Q:Q; Q(Q)Q[Q]Q?Q!Q;Q;  
R0R1R2R3R4R5R6R7R8R9R, R%R#R+R/R:R; R(R)R[R]R?R!R;R;  
S0S1S2S3S4S5S6S7S8S9S, S%S#S+S/S:S; S(S)S[S]S?S!S;S;  
T0T1T2T3T4T5T6T7T8T9T, T%T#T+T/T:T; T(T)T[T]T?T!T;T;

U0U1U2U3U4U5U6U7U8U9U, U%U#U+U/U:U; U(U)U[U]U?U!U;U;  
 W0W1W2W3W4W5W6W7W8W9W, W%W#W+W/W:W; W(W)W[W]W?W!W;W;  
 X0X1X2X3X4X5X6X7X8X9X, X%X#X+X/X:X; X(X)X[X]X?X!X;X;  
 Y0Y1Y2Y3Y4Y5Y6Y7Y8Y9Y, Y%Y#Y+Y/Y:Y; Y(Y)Y[Y]Y?Y!Y;Y;  
 Z0Z1Z2Z3Z4Z5Z6Z7Z8Z9Z, Z%Z#Z+Z/Z:Z; Z(Z)Z[Z]Z?Z!Z;Z;  
 0 1 2 3 4 5 6 7 8 9 , % # + / : ; ( ) [ ] ? ! ; i  
 !0!1!2!3!4!5!6!7!8!9!, !%#!#+!/!;!; !(!)![!]!?!;!;  
 #0#1#2#3#4#5#6#7#8#9#, #%####+#/#:#; #(#)#[#]#?#!#;#;  
 \$0\$1\$2\$3\$4\$5\$6\$7\$8\$9\$, \$\$#\$+\$/\$:\$\$; \$(\$)\$[\$]\$?#!\$;\$;  
 %0%1%2%3%4%5%6%7%8%9%, %%%#%+%/%:%; %(%)%[%]?%!%;%;  
 (0(1(2(3(4(5(6(7(8(9(, (%(#(+(/(:(; (((([[(?(!(;(
 )0)1)2)3)4)5)6)7)8)9), )%)(#)+)/:); )())))]?)!)i  
 -0-1-2-3-4-5-6-7-8-9-, -%-#-+-/-:-; -(-)-[-]-?--!-;-i

## 4 Latex support

25 `\package`

The all we need here is just to redefine current italic font shape description at the very beginning of our document.

```
26 \DeclareFontShape{OT1}{cmr}{m}{it}%
27     {%
28         <5><6><7>cmtiup7%
29         <8>cmtiup8%
30         <9>cmtiup9%
31         <10><10.95>cmtiup10%
32         <12><14.4><17.28><20.74><24.88>cmtiup12%
33     }{}
34 \DeclareFontShape{OT1}{cmr}{bx}{it}
35     {%
36         <5><6><7><8><9>%
37         <10><10.95><12><14.4><17.28><20.74><24.88>cmbxtiup10%
38     }{}
39 \providecommand{\EC@family}[5]{%
40     \DeclareFontShape{#1}{#2}{#3}{#4}%
41     {<5><6><7><8><9><10><10.95><12><14.4>%
42     <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
43 \EC@family{T1}{cmr}{m}{it}{ectiup}
44 \EC@family{T1}{cmr}{bx}{it}{ecbiup}
45 \package
```

## 5 Metafont file sources

All the driver files differs by one line and just load font parameters from the corresponding CMTI sources

### 5.1 File cmtiup7.mf

```
46 <*cmtiup7>
47 %%%%%%%%% File cmtiup7.mf %%%%%%%%%
48 if unknown cmbase: input cmbase fi
```

Load parameters from cmti7.mf file

```
49 let generate=relax;
50 let textit=relax;
51 font_size 7pt; input cmti7;
52 font_identifier="CMTI UnSlPunct";
```

And run the driver cmtiupgn below;

```
53 input cmtiupgn;
54 </cmtiup7>
```

### 5.2 File cmtiup8.mf

```
55 <*cmtiup8>
56 %%%%%%%%% File cmtiup8.mf %%%%%%%%%
57 if unknown cmbase: input cmbase fi
```

Load parameters from cmti8.mf file

```
58 let generate=relax;
59 let textit=relax;
60 font_size 8pt; input cmti8;
61 font_identifier="CMTI UnSlPunct";
```

And run the driver cmtiupgn below;

```
62 input cmtiupgn;
63 </cmtiup8>
```

### 5.3 File cmtiup9.mf

```
64 <*cmtiup9>
65 %%%%%%%%% File cmtiup9.mf %%%%%%%%%
66 if unknown cmbase: input cmbase fi
```

### 5.6 File cmtiupgn.mf

File starts from Knuth copyright

```
91 <*cmtiupgn>
92 %% The Computer Modern Text Italic family (by D. E. Knuth, 1979--1985)
93 %% driver with the unslanted digits and symbols by SVZ (1.3 2003/01/03)
94 mode_setup; font_setup;
95
96 input itall; % lower case (minuscules)
```

Load parameters from cmti9.mf file

```
67 let generate=relax;
68 let textit=relax;
69 font_size 9pt; input cmti9;
70 font_identifier="CMTI UnSlPunct";
```

And run the driver cmtiupgn below;

```
71 input cmtiupgn;
72 </cmtiup9>
```

### 5.4 File cmtiup10.mf

```
73 <*cmtiup10>
74 %%%%%%%%% File cmtiup10.mf %%%%%%%%%
75 if unknown cmbase: input cmbase fi
```

Load parameters from cmti10.mf file

```
76 let generate=relax;
77 let textit=relax;
78 font_size 10pt; input cmti10;
79 font_identifier="CMTI UnSlPunct";
```

And run the driver cmtiupgn below;

```
80 input cmtiupgn;
81 </cmtiup10>
```

### 5.5 File cmtiup12.mf

```
82 <*cmtiup12>
83 %%%%%%%%% File cmtiup12.mf %%%%%%%%%
84 if unknown cmbase: input cmbase fi
```

Load parameters from cmti12.mf file

```
85 let generate=relax;
86 let textit=relax;
87 font_size 12pt; input cmti12;
88 font_identifier="CMTI UnSlPunct";
```

And run the driver cmtiupgn below;

```
89 input cmtiupgn;
90 </cmtiup12>
```

```

97 input italsp; % lowercase specials (dotless \i, ligature \ae, etc.)
98
99 if ligs>1: font_coding_scheme="TeX text";
100 spanish_shriek=oct"074"; spanish_query=oct"076";
101 %% input italog; % letter ligatures
102 input cmtiuplg; % unproper here kerning removed from Knuth italog.mf;
103 else: font_coding_scheme:=if ligs=0: "TeX typewriter text"
104   else: "TeX text without f-ligatures" fi;
105 spanish_shriek=oct"016"; spanish_query=oct"017"; fi
106 font_slant slant; font_x_height x_height#;
107
108 if monospace: font_normal_space 9u#; % no stretching or shrinking
109 font_quad 18u#;
110 font_extra_space 9u#;
111 letter_fit#:=letter_fit:=0;
112 else: font_normal_space 6u#+2letter_fit#;
113 font_normal_stretch 3u#; font_normal_shrink 2u#;
114 font_quad 18u#+4letter_fit#;
115 font_extra_space 2u#; fi
116
117 input romanu; % upper case (majuscules)
118 input greeku; % upper case greek letters
119 input romspu; % uppercase specials (\AE, \OE, \O)
120 input accent; % accents common to roman and italic text
121
122 if ligs>0: input comlig; fi % ligatures common with roman text
123 if ligs<=1: input romsub; fi % substitutes for ligatures

Save slant parameter and input special italic punctuation, where only the question
mark should be unslanted:

124 new_slant=slant;
125 input cmtiupp

In cmtiupp slant was switched off; Input other punctuation and digits as in roman:

126 input romand; % numerals
127 input punct; % punctuation symbols common to roman and italic text
128 ligtable " ": " " =: spanish_shriek;
129 ligtable "?": " " =: spanish_query;

Restore original slant:

130 slant:=new_slant;
131 font_setup;

Define Three kerning scales - first after tall characters:

132 def addkern=": "kern 3u#,
133 " ; "kern 3u#, " ! "kern 3u#, " ( "kern 3u#, " ) "kern 3u#, " [ "kern 3u#,
134 " ? "kern 3u#, " 0 "kern 3u#, " 1 "kern 3u#, " 2 "kern 3u#, " 3 "kern 3u#, " 4 "kern 3u#,
135 " 5 "kern 3u#, " 6 "kern 3u#, " 7 "kern 3u#, " 8 "kern 3u#, " 9 "kern 3u#,
136 " # "kern 3u#, " % "kern 3u#, " @ "kern 3u#,
137 " * "kern 1.5u#, " + "kern 1.5u#, " / "kern 3u#, spanish_shriek kern 3u#,
138 spanish_query kern 3u# enddef;

```

Second kerning scale applies after a middle height characters

```

139 def addkerns=":"kern 1.5u#,
140 ";"kern 1.5u#,"!"kern 2u#,"("kern 2u#,")"kern 2u#,"["kern 2u#,"["kern 2u#,
141 "?"kern 2u#,"0"kern 1.5u#,"1"kern 2u#,"2"kern 2u#,"3"kern 2u#,"4"kern 1.5u#,
142 "5"kern 2u#,"6"kern 1.5u#,"7"kern 2u#,"8"kern 2u#,"9"kern 2u#,
143 "#"kern 2u#,"%"kern 1.5u#,"@"kern 2u#,
144 "*"kern 1.5u#,"+"kern 1.5u#,"/"kern 2u#, spanish_shriek kern 2u#,
145 spanish_query kern 2u# enddef;

```

And the last - for the little ones.

```

146 def addkernss=":"kern u#,
147 ";"kern u#,"!"kern u#,"("kern u#,")"kern u#,"["kern u#,"["kern u#,
148 "?"kern u#,"0"kern u#,"1"kern u#,"2"kern u#,"3"kern u#,"4"kern u#,
149 "5"kern u#,"6"kern u#,"7"kern u#,"8"kern u#,"9"kern u#,
150 "#"kern u#,"%"kern u#,"@"kern u#,
151 "*"kern u#,"+"kern u#,"/"kern u#, spanish_shriek kern u#,
152 spanish_query kern u# enddef;

```

Finally apply extra kerns:

```

153 if not monospace:
154 k#:=-.5u#; kk#:=1.5u#; kkk#:=2u#; % three degrees of kerning
155 ligtable "d": "w": "l": "l" kern +u#, addkerns;
156 ligtable "F": "V": "o" kern kk#, "e" kern kk#,
157 "u" kern kk#, "r" kern kk#, "a" kern kk#, "A" kern kkk#,
158 "K": "X": "O" kern k#, "C" kern k#, "G" kern k#, "Q" kern k#, addkerns;
159 ligtable "T": "y" kern kk#,
160 "Y": "e" kern kk#, "o" kern kk#, "r" kern kk#, "a" kern kk#, "u" kern kk#,
161 "W": "A" kern kk#, addkern;
162 ligtable "P": "A" kern kk#, addkerns;
163 ligtable "O": "D": "X" kern k#, "W" kern k#, "A" kern k#,
164 "V" kern k#, "Y" kern k#, addkerns;
165 ligtable "A": "n" kern k#, "l" kern k#, "r" kern k#, "u" kern k#,
166 "m" kern k#, "t" kern k#, "i" kern k#, "C" kern k#, "O" kern k#,
167 "G" kern k#, "h" kern k#, "b" kern k#, "U" kern k#, "k" kern k#,
168 "v" kern k#, "w" kern k#, "Q" kern k#,
169 "T" kern kk#, "Y" kern kk#,
170 "V" kern kkk#, "W" kern kkk#,
171 "e" kern -u#, "a" kern -u#, "o" kern -u#,
172 "d" kern -u#, "c" kern -u#, "g" kern -u#, "q" kern -u#, addkernss;
173 ligtable "R": "n" kern k#, "l" kern k#, "r" kern k#, "u" kern k#,
174 "m" kern k#, "t" kern k#, "i" kern k#, "C" kern k#, "O" kern k#,
175 "G" kern k#, "h" kern k#, "b" kern k#, "U" kern k#, "k" kern k#,
176 "v" kern k#, "w" kern k#, "Q" kern k#,
177 "L": "T" kern kk#, "Y" kern kk#, "V" kern kkk#, "W" kern kkk#, addkerns,
178 "e" kern -u#, "a" kern -u#, "o" kern -u#, "d" kern -u#, "c" kern -u#,
179 "g" kern -u#, "q" kern -u#;
180 ligtable "b": "c": "e": "o": "p": "r": "e" kern -u#, "a" kern -u#,
181 "o" kern -u#, "d" kern -u#, "c" kern -u#, "g" kern -u#, "q" kern -u#,
182 addkernss;
183 ligtable "n": "'" kern kkk#, addkerns;

```

```

184 ligtable "U": "I": "H": "J": "M": "N": "Z": addkern;
185 ligtable "Q": "E": "S": "G": "B": "C": "q": "t": "y": "u": "i": "a":
186 "s": "g": "h": "j": "k": "m": "v": "x": "z": addkerns;
187
188 ligtable "f": "i"=:oct"014", "f"=:oct"013", "l"=:oct"015", "'" kern 2u#,
189 addkern;
190 ligtable oct"013": "i"=:oct"016", "l"=:oct"017", "'" kern 2u#,
191 addkern;
192 fi
193 %% there are ligature/kern programs
194 %% for |"-|, |"'|, and |'"| in the {\tt comlig} file
195 bye.
196 </cmtiupgn>

```

## 5.7 File cmtiupp.mf

This is the Knuth *italp.mf* where switching slant off before question marks added;

```

197 <*cmtiupp>
198
199 % This file contains '$' and '&' and '?' in the so-called italic style.
200
201 % Codes \0044, \0046, and \0077 are generated, as well as code |spanish_query|
202 % (for a Spanish question mark) if that code value is known.
203
204 cmchar "Sterling sign";
205 beginchar("$",12u#,asc_height#,0);
206 adjust_fit(0,.75asc_height#*slant-.5u#); pickup fine.nib;
207 pos0(flare,0); pos1(hair,0); pos2(vair,90); pos3(stem,180);
208 pos4(stem,180); pos4'(stem,0); pos5(vair,-90); z4'=z4;
209 x2=2/3w-.5u; rt x3l=rt x4l=hround(.5w-u+.5stem); x5=2.5u;
210 y1=y3=.75h; top y2=h+oo; y4=.25h; bot y5r=-oo;
211 rt x1r=hround(w-1.5u); bulb(2,1,0); % bulb
212 filldraw stroke pulled_arc.e(2,3)..z4e; % stem
213 numeric light_stem; light_stem=2/3[vair,vstem];
214 pos6(.5[hair,light_stem],-180); pos7(light_stem,-300);
215 pos8(light_stem,-300); pos9(hair,-180);
216 lft x6r=hround u; x7=3u; x8=w-3.5u; rt x9l=hround(w-u);
217 y6=.4[y5,y7]; top y7r=vround .2h; bot y8l=-oo; y9=good.y .2h;
218 filldraw stroke pulled_arc.e(4',5)...z6e{up}...z7e{right}
219 ..{right}z8e...{up}z9e; % loop and arm
220 pos10(bar,90); pos11(bar,90); x10=3u; x11=w-4.5u;
221 top y10r=top y11r=vround(.5h+.5bar); filldraw stroke z10e--z11e; % bar
222 penlabels(1,2,3,4,5,6,7,8,9,10,11); endchar;
223
224 cmchar "Italic ampersand";
225 beginchar("&",14u#,asc_height#,0);
226 italcorr asc_height#*slant-1.5u#;
227 adjust_fit(if monospace:-u#,-2u# else: 0,0 fi); pickup fine.nib;
228 pos1(flare,0); pos2(hair,0); pos3(vair,90);

```



```

229 rt x2r=hround.5w; x3=1/3(w-u);
230 top y3r=h+o; y2=.5[x_height,h]; bulb(3,2,1); % left bulb
231 pos4(stem,180); pos5(vair,270); pos6(hair,360); pos7(vair,450);
232 pos8(curve,540); pos9(vair,630); pos10(hair,720);
233 lft x4r=hround 1.25u; x5=x7=x3+1/6u; rt x6r=hround(x5+1.5u);
234 lft x8r=hround u; x9=.5w; rt x10r=hround(w-1.5u);
235 y4=.5[y3,y5]; top y5l=vround .77x_height; y6=.5[y5,y7];
236 y7l=good.y 1/3[y5,y3]; y8=.5[y7,y9]; bot y9r=-o; y10=bar_height;
237 pos12(hair,0); pos13(curve,0); pos14(hair,0); pos15(vair,90); pos16(curve,90);
238 rt x12r=rt x13r=hround(w-2u); lft x14l=hround(.5w+.5u);
239 x15=x16=rt x14r+u;
240 y12=y13=h-.5curve; y14=.5[bar_height,x_height];
241 bot y15l=bot y16l=vround y10;
242 numeric theta; theta=angle((z12-z14)xscaled 2);
243 pos11(hair,theta); x11=w-4u; y11=.5[y13,y16];
244 filldraw stroke pulled_arc.e(3,4) & pulled_arc.e(4,5) & pulled_arc.e(5,6)
245 & pulled_arc.e(6,7) & pulled_arc.e(7,8) & pulled_arc.e(8,9)
246 & {{interim superness:=more_super; pulled_arc.e(9,10)}}
247 ..tension .9 and 1..{dir(theta+100)}z11e; % bowls, loop, and stem
248 pos11'(hair,theta-90); z11'=z11;
249 forsuffices $=l,r: path p$;
250 p$=z12${down}..z11'${-dir theta}..{down}z14$...{right}z15$; endfor
251 filldraw p.l--reverse p.r--cycle; % arms
252 path q[]; q1=z13r{up}..z13l{down}..cycle;
253 q2=z16l{right}..z16r{left}..cycle;
254 filldraw subpath(0,ypart(p.l intersectiontimes q1)) of q1--cycle; % upper bulb
255 filldraw subpath(0,ypart(p.r intersectiontimes q2)) of q2--cycle; % lower bulb
256 penlabels(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16); endchar;

And now switch slant off:

257
258 slant:=0; font_setup;
259
260 cmchar "Italic question mark";
261 beginchar("?",9u#,asc_height#,0);
262 italcorr asc_height#*slant-u#;
263 adjust_fit(0,0); pickup tiny.nib; pos10(dot_size,0); pos11(dot_size,90);
264 lft x10l=hround(.5w-.5dot_size); bot y11l=0; z10=z11; dot(10,11); % dot
265 pickup fine.nib; pos1(flare,180); pos2(hair,180); pos3(vair,90);
266 lft x1r=hround u; x3=.5w;
267 y1-.5flare=x_height; top y3r=h+o; bulb(3,2,1); % bulb
268 pos8(vair,-90); x8=.5w; bot y8r=.25[top y11r,x_height]+1;
269 numeric theta; theta=90+angle(10u,y3-y8); slope:=(y3-y8)/10u;
270 pos3'(vair,-90); z3'=z3; pos0(vstem,theta); x0=x3; y0=1/3[y8,y3];
271 rt x4l=hround(w-1.5u); lft x7r=hround 1/3w;
272 x4l-x4r=x7l-x7r=hround .5[vair,vstem]-fine;
273 ellipse_set(3'l,4l,5l,0l); ellipse_set(3'r,4r,5r,0r); y4=y4r;
274 ellipse_set(8l,7l,6l,0l); ellipse_set(8r,7r,6r,0r); y7=y7r;
275 pos9(hair,0); rt x9r=hround(2/3w+.5hair); y9=good.y .5[y8,y0];
276 filldraw stroke super_arc.e(3',4) & z4e{down}

```

```

277 ..z5e---z6e..z7e{down} & super_arc.e(7,8)...{up}z9e; % main stroke
278 penlabels(0,1,2,3,4,5,6,7,8,9,10,11); endchar;
279
280 iff known spanish_query: cmchar "Spanish open italic question mark";
281 beginchar(spanish_query,9u#,asc_height#-desc_depth#,desc_depth#);
282 adjust_fit(0,0); pickup tiny.nib; pos10(dot_size,0); pos11(dot_size,90);
283 lft x10l=hround(.5w-.5dot_size); top y11r=h; z10=z11; dot(10,11); % dot
284 pickup fine.nib; pos1(flare,0); pos2(hair,0); pos3(vair,-90);
285 rt x1r=hround(w-u); x3=.5w; y1+.5flare=asc_height-x_height-d;
286 bot y3r=-d-o; bulb(3,2,1); % bulb
287 pos8(vair,90); x8=.5w; top y8r=.25[bot y11,y1+.5flare]-1;
288 numeric theta; theta=angle(10u,y8-y3)-90; slope:=(y8-y3)/10u;
289 pos3'(vair,90); z3'=z3; pos0(vstem,theta); x0=x3; y0=1/3[y8,y3];
290 lft x4l=hround 1.5u; rt x7r=hround 2/3w;
291 x4r-x4l=x7r-x7l=hround .5[vair,vstem]-fine;
292 ellipse_set(3'l,4l,5l,0l); ellipse_set(3'r,4r,5r,0r); y4=y4r;
293 ellipse_set(8l,7l,6l,0l); ellipse_set(8r,7r,6r,0r); y7=y7r;
294 pos9(hair,180); lft x9r=hround(1/3w-.5hair); y9=good.y .5[y8,y0];
295 filldraw stroke super_arc.e(3',4) & z4e{up}
296 ..z5e---z6e..z7e{up} & super_arc.e(7,8)...{down}z9e; % main stroke
297 penlabels(0,1,2,3,4,5,6,7,8,9,10,11); endchar;
298 </cmtiupg>

```

## 5.8 File cmtiupgn.mf

This is just the Knuth *italig.mf* without kernibg lines;

```

299 <*cmtiuplg>
300 %% This file describes five italic ligatures that begin with 'f'
301 %% and puts them in code positions \0013--\0017.
302 %% The only difference with the original italig.mf is the following
303 %% few lines have been commented.
304 %% numeric itc; % modified italic correction on 'f' and 'ff'
305 %% itc=(asc_height#-x_height#)*slant+.75u#;
306 %%
307 %% ligtable "f": "i"=:oct"014", "f"=:oct"013", "l"=:oct"015",
308 %% "''" kern itc, "?" kern itc, "!" kern itc, ")" kern itc, "]" kern itc;
309 %% ligtable oct"013": "i"=:oct"016", "l"=:oct"017",
310 %% "''" kern itc, "?" kern itc, "!" kern itc, ")" kern itc, "]" kern itc;
311
312 cmchar "Italic ligature ff";
313 beginchar(oct"013",5u#+max(1.5u#,stem#)+max(3.5u#,2flare#)+2letter_fit#,
314 asc_height#,desc_depth#);
315 italcorr asc_height#*slant+.75u#;
316 adjust_fit(0,0); pickup fine.nib;
317 z98-z88=z99-z89=z14-z4=z15-z5=(4.8u+2letter_fit,0);
318 .5[x88,x99]=.5w-.1u; x89-x88=u; y98=h; y99=-d;
319 numeric theta; theta=angle(z88-z89);
320 pos0(flare,0); pos1(hair,0); pos2(vair,90);
321 pos3(.5[hair,stem],180); pos4(stem,theta+90);

```

```

322 pos5(stem,theta-90); pos6(.5[hair,stem],0);
323 pos7(vair,-90); pos8(hair,-180); pos9(flare,-180);
324 rt x1r=hround(.5w+1.25u); lft x8r=hround-.35u; x2=.5[x1,x4]; x7=.6[x8,x5];
325 y9-.5flare=vround-.85d; y2-y0=y9-y7; top y2r=h+oo; bot y7r=-d-oo;
326 y4=.25[x_height,h]; y5=.5[-d,y4];
327 z4=whatever[z88,z89]; z5=whatever[z88,z89];
328 x3=.8[x2+x4-x88,x88]; x6=.8[x7+x5-x89,x89]; y3=.8[y4,y2]; y6=.8[y5,y7];
329 bulb(2,1,0); bulb(7,8,9); % left bulbs
330 filldraw stroke z2e{left}...z3e...{z89-z88}z4e; % upper middle arc
331 filldraw z4r--z5l--z5r--z4l--cycle; % left stem
332 filldraw stroke z5e{z89-z88}...z6e...{left}z7e; % lower left arc
333 pos10(flare,0); pos11(hair,0); pos12(vair,90);
334 pos13(.5[hair,stem],180); pos14(stem,theta+90);
335 pos15(stem,theta-90); pos16(.5[hair,stem],0);
336 pos17(vair,-90); pos18(hair,-180); pos19(flare,-180);
337 rt x11r=hround(w+.25u); lft x18r=hround(.5w-1.25u);
338 x12=.6[x11,x14]; x17=.5[x18,x15];
339 x13=.8[x12+x14-x98,x98]; x16=.8[x17+x15-x99,x99];
340 y0=y10; y2=y12; y3=y13; y6=y16; y7=y17; y9=y19;
341 bulb(12,11,10); bulb(17,18,19); % right bulbs
342 filldraw stroke z12e{left}...z13e...{z99-z98}z14e; % upper right arc
343 filldraw z14r--z15l--z15r--z14l--cycle; % right stem
344 filldraw stroke z15e{z99-z98}...z16e...{left}z17e; % lower middle arc
345 pickup crisp.nib; pos20(bar,90); pos21(bar,90);
346 top y20r=top y21r=x_height;
347 lft x20=lft x4r-.5stem-u; rt x21=rt x14l+.5stem+1.5u;
348 filldraw stroke z20e--z21e; % crossbar
349 penlabels(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,
350 20,21,88,89,98,99); endchar;
351
352 cmchar "Italic ligature fi";
353 beginchar(oct"014",6.5u#+.5max(1.5u#,stem#)+.5max(3.5u#,2flare#)
354 +2letter_fit#,asc_height#,desc_depth#);
355 italcorr max(asc_height#*slant+.5stem#-2u#,1/3x_height#*slant+.5hair#+.5u#);
356 adjust_fit(0,0); pickup fine.nib;
357 .5[x88,x89]=.5(w-4u-2letter_fit); x89-x88=u; y88=h; y89=-d;
358 numeric theta; theta=angle(z88-z89);
359 pos0(flare,0); pos1(hair,0); pos2(vair,90);
360 pos3(.5[hair,stem],180); pos4(stem,theta+90);
361 pos5(stem,theta-90); pos6(.5[hair,stem],0);
362 pos7(vair,-90); pos8(hair,-180); pos9(flare,-180);
363 pos11(stem,0); rt x11r=hround(w-2.5u+.5stem);
364 x12=x11; x14=w; hook_out(12,13,14); % closing hook
365 x1r=x11r; lft x8r=hround-.35u; x2=.5[x1,x4]; x7=.6[x8,x5];
366 y9-.5flare=vround-.85d; bot y7r=-d-oo;
367 y0+.5flare=vround(.85[x_height,h]); top y2r=h+oo;
368 y4=.25[x_height,h]; y5=.5[-d,y4];
369 z4=whatever[z88,z89]; z5=whatever[z88,z89];
370 x3=.8[x2+x4-x88,x88]; x6=.8[x7+x5-x89,x89]; y3=.8[y4,y2]; y6=.8[y5,y7];
371 bulb(2,1,0); bulb(7,8,9); % bulbs

```

```

372 filldraw stroke z2e{left}...z3e...{z89-z88}z4e; % upper arc
373 filldraw z4r--z5l--z5r--z4l--cycle; % left stem
374 filldraw stroke z5e{z89-z88}...z6e...{left}z7e; % lower arc
375 top y11=x_height; filldraw stroke z11e--z12e; % right stem
376 pickup crisp.nib; pos20(bar,90); pos21(bar,90);
377 top y20r=top y21r=x_height;
378 lft x20=lft x4r-.5stem-u; x21=x11;
379 filldraw stroke z20e--z21e; % crossbar
380 penlabels(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,20,21,88,89); endchar;
381
382 cmchar "Italic ligature fl";
383 beginchar(oct"015",7u#+.5max(1.5u#,stem#)+.5max(3.5u#,2flare#)
384 +2letter_fit#,asc_height#,desc_depth#);
385 italcorr max(asc_height#*slant+.5stem#-2u#,1/3x_height#*slant+.5hair#+.5u#);
386 adjust_fit(0,0); pickup fine.nib;
387 .5[x88,x89]=.5(w-4.5u-2letter_fit); x89-x88=u; y88=h; y89=-d;
388 numeric theta; theta=angle(z88-z89);
389 pos0(flare,0); pos1(hair,0); pos2(vair,90);
390 pos3(.5[hair,stem],180); pos4(stem,theta+90);
391 pos5(stem,theta-90); pos6(.5[hair,stem],0);
392 pos7(vair,-90); pos8(hair,-180); pos9(flare,-180);
393 pos11(stem,0); rt x11r=hround(w-2.5u+.5stem); rt x1r=lft x11;
394 x12=x11; x14=w; hook_out(12,13,14); % closing hook
395 lft x8r=hround-.35u; x2=.5[x1,x4]; x7=.6[x8,x5];
396 y9-.5flare=vround -.85d; y2-y0=y9-y7; top y2r=h+oo; bot y7r=-d-oo;
397 y4=.25[x_height,h]; y5=.5[-d,y4];
398 z4=whatever[z88,z89]; z5=whatever[z88,z89];
399 x3=.8[x2+x4-x88,x88]; x6=.8[x7+x5-x89,x89]; y3=.8[y4,y2]; y6=.8[y5,y7];
400 bulb(2,1,0); bulb(7,8,9); % bulbs
401 filldraw stroke z2e{left}...z3e...{z89-z88}z4e; % upper arc
402 filldraw z4r--z5l--z5r--z4l--cycle; % left stem
403 filldraw stroke z5e{z89-z88}...z6e...{left}z7e; % lower arc
404 top y11=h; filldraw stroke z11e--z12e; % right stem
405 pickup crisp.nib; pos20(bar,90); pos21(bar,90);
406 top y20r=top y21r=x_height;
407 lft x20=lft x4r-.5stem-u; x21=x11;
408 filldraw stroke z20e--z21e; % crossbar
409 penlabels(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,20,21,88,89); endchar;
410
411 cmchar "Italic ligature ffi";
412 beginchar(oct"016",11.75u#+.5max(1.5u#,stem#)+.5max(3.5u#,2flare#)
413 +4letter_fit#,asc_height#,desc_depth#);
414 italcorr max(asc_height#*slant+.5stem#-2u#,1/3x_height#*slant+.5hair#+.5u#);
415 adjust_fit(0,0); pickup fine.nib;
416 z98-z88=z99-z89=z14-z4=z15-z5=(5u+2letter_fit,0);
417 numeric theta,mid_f;
418 mid_f=.5[x88,x99]=.5(w-4.25u-2letter_fit); x89-x88=u;
419 y98=h; y99=-d; theta=angle(z88-z89);
420 pos21(stem,0); rt x21r=hround(w-2.5u+.5stem);
421 x22=x21; x24=w; hook_out(22,23,24); % closing hook

```

```

422 pos0(flare,0); pos1(hair,0); pos2(vair,90);
423 pos3(.5[hair,stem],180); pos4(stem,theta+90);
424 pos5(stem,theta-90); pos6(.5[hair,stem],0);
425 pos7(vair,-90); pos8(hair,-180); pos9(flare,-180);
426 rt x1r=hround(mid_f+1.75u); lft x8r=hround-.35u;
427 x2=.5[x1,x4]; x7=.6[x8,x5];
428 y9-.5flare=vround -.85d; y2-y0=y9-y7; top y2r=h+oo; bot y7r=-d-oo;
429 y4=.25[x_height,h]; y5=.5[-d,y4];
430 z4=whatever[z88,z89]; z5=whatever[z88,z89];
431 x3=.8[x2+x4-x88,x88]; x6=.8[x7+x5-x89,x89]; y3=.8[y4,y2]; y6=.8[y5,y7];
432 bulb(2,1,0); bulb(7,8,9); % left bulbs
433 filldraw stroke z2e{left}...z3e...{z89-z88}z4e; % upper middle arc
434 filldraw z4r--z5l--z5r--z4l--cycle; % left stem
435 filldraw stroke z5e{z89-z88}...z6e...{left}z7e; % lower left arc
436 pos10(flare,0); pos11(hair,0); pos12(vair,90);
437 pos13(.5[hair,stem],180); pos14(stem,theta+90);
438 pos15(stem,theta-90); pos16(.5[hair,stem],0);
439 pos17(vair,-90); pos18(hair,-180); pos19(flare,-180);
440 x11r=x21r; lft x18r=hround(mid_f-1.25u); x12=.5[x11,x14]; x17=.5[x18,x15];
441 x13=.8[x12+x14-x98,x98]; x16=.8[x17+x15-x99,x99];
442 y10+.5flare=vround .85[x_height,h];
443 y2=y12; y3=y13; y6=y16; y7=y17; y9=y19;
444 bulb(12,11,10); bulb(17,18,19); % right bulbs
445 filldraw stroke z12e{left}...z13e...{z99-z98}z14e; % upper right arc
446 filldraw z14r--z15l--z15r--z14l--cycle; % middle stem
447 filldraw stroke z15e{z99-z98}...z16e...{left}z17e; % lower middle arc
448 top y21=x_height; filldraw stroke z21e--z22e; % right stem
449 pickup crisp.nib; pos30(bar,90); pos31(bar,90);
450 top y30r=top y31r=x_height;
451 lft x30=lft x4r-.5stem-u; x31=x21;
452 filldraw stroke z30e--z31e; % crossbar
453 penlabels(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,
454 20,21,22,23,24,30,31,88,89,98,99); endchar;
455
456 cmchar "Italic ligature ffl";
457 beginchar(oct"017",12u#+.5max(1.5u#,stem#)+.5max(3.5u#,2flare#)
458 +4letter_fit#,asc_height#,desc_depth#);
459 italcorr max(asc_height#*slant+.5stem#-2u#,1/3x_height#*slant+.5hair#+.5u#);
460 adjust_fit(0,0); pickup fine.nib;
461 z98-z88=z99-z89=z14-z4=z15-z5=(5u+2letter_fit,0);
462 numeric theta,mid_f;
463 mid_f=.5[x88,x99]=.5(w-4.5u-2letter_fit); x89-x88=u;
464 y98=h; y99=-d; theta=angle(z88-z89);
465 pos21(stem,0); rt x21r=hround(w-2.5u+.5stem);
466 x22=x21; x24=w; hook_out(22,23,24); % closing hook
467 pos0(flare,0); pos1(hair,0); pos2(vair,90);
468 pos3(.5[hair,stem],180); pos4(stem,theta+90);
469 pos5(stem,theta-90); pos6(.5[hair,stem],0);
470 pos7(vair,-90); pos8(hair,-180); pos9(flare,-180);
471 rt x1r=hround(mid_f+1.25u); lft x8r=hround-.35u;

```

```

472 x2=.5[x1,x4]; x7=.6[x8,x5];
473 y9-.5flare=vround -.85d; y2-y0=y9-y7; top y2r=h+oo; bot y7r=-d-oo;
474 y4=.25[x_height,h]; y5=.5[-d,y4];
475 z4=whatever[z88,z89]; z5=whatever[z88,z89];
476 x3=.8[x2+x4-x88,x88]; x6=.8[x7+x5-x89,x89]; y3=.8[y4,y2]; y6=.8[y5,y7];
477 bulb(2,1,0); bulb(7,8,9); % left bulbs
478 filldraw stroke z2e{left}...z3e...{z89-z88}z4e; % upper middle arc
479 filldraw z4r--z5l--z5r--z4l--cycle; % left stem
480 filldraw stroke z5e{z89-z88}...z6e...{left}z7e; % lower left arc
481 pos10(flare,0); pos11(hair,0); pos12(vair,90);
482 pos13(.5[hair,stem],180); pos14(stem,theta+90);
483 pos15(stem,theta-90); pos16(.5[hair,stem],0);
484 pos17(vair,-90); pos18(hair,-180); pos19(flare,-180); rt x11r=lft x21l;
485 lft x18r=hround(mid_f-1.25u); x12=.5[x11,x14]; x17=.5[x18,x15];
486 x13=.8[x12+x14-x98,x98]; x16=.8[x17+x15-x99,x99];
487 y0=y10; y2=y12; y3=y13; y6=y16; y7=y17; y9=y19;
488 bulb(12,11,10); bulb(17,18,19); % right bulbs
489 filldraw stroke z12e{left}...z13e...{z99-z98}z14e; % upper right arc
490 filldraw z14r--z15l--z15r--z14l--cycle; % middle stem
491 filldraw stroke z15e{z99-z98}...z16e...{left}z17e; % lower middle arc
492 top y21=h; filldraw stroke z21e--z22e; % right stem
493 pickup crisp.nib; pos30(bar,90); pos31(bar,90);
494 top y30r=top y31r=x_height;
495 lft x30=lft x4r-.5stem-u; x31=x21;
496 filldraw stroke z30e--z31e; % crossbar
497 penlabels(0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,
498 20,21,22,23,24,30,31,88,89,98,99); endchar;
499 </cmtiuplg>

```

## 6 Virtual fonts Properties List files

After running metafont on cmtiup\*.mf, I have got the cmtiup\*.pl file by applying tftopl program to corresponding cmtiup.tfm. This file has been edited by script to get a proper cmtiup\*.vpl file with correct charwidhts:

### 6.1 File cmtiup7.vpl

```
500 {*cmtiup7vpl}
501 (VTITLE cmti7 with unslanted punctuation from cmr7 by SVZ, v.1.2 2001/01/08)

502 (FAMILY CMTI UNSLPUNCT) 555 (KRN 0 73 R 0.088098) 608 (KRN C 5 R 0.117462)
503 (FACE 0 360) 556 (KRN 0 41 R 0.117462) 609 (KRN C 6 R 0.088098)
504 (CODINGScheme TEX TEXT) 557 (KRN 0 50 R 0.117462) 610 (KRN C 7 R 0.117462)
505 (DESIGNSIZE R 7.0) 558 (KRN 0 51 R 0.117462) 611 (KRN C 8 R 0.117462)
506 (CHECKSUM 0 16437256312) 559 (KRN 0 135 R 0.117462) 612 (KRN C 9 R 0.117462)
507 (FONTDIMEN 560 (KRN 0 133 R 0.117462) 613 (KRN 0 43 R 0.117462)
508 (SLANT R 0.25) 561 (KRN 0 77 R 0.117462) 614 (KRN 0 45 R 0.088098)
509 (SPACE R 0.426989) 562 (KRN C 0 R 0.088098) 615 (KRN 0 100 R 0.117462)
510 (STRETCH R 0.176193) 563 (KRN C 1 R 0.117462) 616 (KRN 0 52 R 0.088098)
511 (SHRINK R 0.117462) 564 (KRN C 2 R 0.117462) 617 (KRN 0 53 R 0.088098)
512 (XHEIGHT R 0.430555) 565 (KRN C 3 R 0.117462) 618 (KRN 0 57 R 0.117462)
513 (QUAD R 1.206365) 566 (KRN C 4 R 0.088098) 619 (KRN 0 74 R 0.117462)
514 (EXTRASPACE R 0.117462) 567 (KRN C 5 R 0.117462) 620 (KRN 0 76 R 0.117462)
515 (MAPFONT D 0 568 (KRN C 6 R 0.088098) 621 (STOP)
516 (FONTNAME cmti7) 569 (KRN C 7 R 0.117462) 622 (LABEL C T)
517 (FONTCHECKSUM 0 16437256312) 570 (KRN C 8 R 0.117462) 623 (KRN C y R -0.088098)
518 (FONTAT R 1.0) 571 (KRN C 9 R 0.117462) 624 (LABEL C Y)
519 (FONTSIZE R 7.0)) 572 (KRN 0 43 R 0.117462) 625 (KRN C e R -0.088098)
520 (MAPFONT D 1 573 (KRN 0 45 R 0.088098) 626 (KRN C o R -0.088098)
521 (FONTNAME cmr7) 574 (KRN 0 100 R 0.117462) 627 (KRN C r R -0.088098)
522 (FONTCHECKSUM 0 331447201225) 575 (KRN 0 52 R 0.088098) 628 (KRN C a R -0.088098)
523 (FONTAT R 1.0) 576 (KRN 0 53 R 0.088098) 629 (KRN C u R -0.088098)
524 (FONTSIZE R 7.0)) 577 (KRN 0 57 R 0.117462) 630 (LABEL C W)
525 (LIGTABLE 578 (KRN 0 74 R 0.117462) 631 (KRN C A R -0.088098)
526 (LABEL 0 40) 579 (KRN 0 76 R 0.117462) 632 (KRN 0 72 R 0.176193)
527 (KRN C l R -0.309526) 580 (STOP) 633 (KRN 0 73 R 0.176193)
528 (KRN C l R -0.382148) 581 (LABEL C F) 634 (KRN 0 41 R 0.176193)
529 (STOP) 582 (LABEL C V) 635 (KRN 0 50 R 0.176193)
530 (LABEL 0 140) 583 (KRN C o R -0.088098) 636 (KRN 0 51 R 0.176193)
531 (LIG 0 140 0 134) 584 (KRN C e R -0.088098) 637 (KRN 0 135 R 0.176193)
532 (STOP) 585 (KRN C u R -0.088098) 638 (KRN 0 133 R 0.176193)
533 (LABEL 0 47) 586 (KRN C r R -0.088098) 639 (KRN 0 77 R 0.176193)
534 (LIG 0 47 0 42) 587 (KRN C a R -0.088098) 640 (KRN C 0 R 0.176193)
535 (KRN 0 77 R 0.117462) 588 (KRN C A R -0.117462) 641 (KRN C 1 R 0.176193)
536 (KRN 0 41 R 0.117462) 589 (LABEL C K) 642 (KRN C 2 R 0.176193)
537 (STOP) 590 (LABEL C X) 643 (KRN C 3 R 0.176193)
538 (LABEL 0 55) 591 (KRN C 0 R -0.0293665) 644 (KRN C 4 R 0.176193)
539 (LIG 0 55 0 173) 592 (KRN C C R -0.0293665) 645 (KRN C 5 R 0.176193)
540 (STOP) 593 (KRN C G R -0.0293665) 646 (KRN C 6 R 0.176193)
541 (LABEL 0 173) 594 (KRN C Q R -0.0293665) 647 (KRN C 7 R 0.176193)
542 (LIG 0 55 0 174) 595 (KRN 0 72 R 0.088098) 648 (KRN C 8 R 0.176193)
543 (STOP) 596 (KRN 0 73 R 0.088098) 649 (KRN C 9 R 0.176193)
544 (LABEL 0 41) 597 (KRN 0 41 R 0.117462) 650 (KRN 0 43 R 0.176193)
545 (LIG 0 140 0 74) 598 (KRN 0 50 R 0.117462) 651 (KRN 0 45 R 0.176193)
546 (STOP) 599 (KRN 0 51 R 0.117462) 652 (KRN 0 100 R 0.176193)
547 (LABEL 0 77) 600 (KRN 0 135 R 0.117462) 653 (KRN 0 52 R 0.088098)
548 (LIG 0 140 0 76) 601 (KRN 0 133 R 0.117462) 654 (KRN 0 53 R 0.088098)
549 (STOP) 602 (KRN 0 77 R 0.117462) 655 (KRN 0 57 R 0.176193)
550 (LABEL C d) 603 (KRN C 0 R 0.088098) 656 (KRN 0 74 R 0.176193)
551 (LABEL C l) 604 (KRN C 1 R 0.117462) 657 (KRN 0 76 R 0.176193)
552 (LABEL C w) 605 (KRN C 2 R 0.117462) 658 (STOP)
553 (KRN C l R 0.058731) 606 (KRN C 3 R 0.117462) 659 (LABEL C P)
554 (KRN 0 72 R 0.088098) 607 (KRN C 4 R 0.088098) 660 (KRN C A R -0.088098)
```

661	(KRN O 72 R 0.088098)	729	(KRN C i R -0.0293665)	797	(KRN C T R -0.088098)
662	(KRN O 73 R 0.088098)	730	(KRN C C R -0.0293665)	798	(KRN C Y R -0.088098)
663	(KRN O 41 R 0.117462)	731	(KRN C O R -0.0293665)	799	(KRN C V R -0.117462)
664	(KRN O 50 R 0.117462)	732	(KRN C G R -0.0293665)	800	(KRN C W R -0.117462)
665	(KRN O 51 R 0.117462)	733	(KRN C h R -0.0293665)	801	(KRN O 72 R 0.088098)
666	(KRN O 135 R 0.117462)	734	(KRN C b R -0.0293665)	802	(KRN O 73 R 0.088098)
667	(KRN O 133 R 0.117462)	735	(KRN C U R -0.0293665)	803	(KRN O 41 R 0.117462)
668	(KRN O 77 R 0.117462)	736	(KRN C k R -0.0293665)	804	(KRN O 50 R 0.117462)
669	(KRN C O R 0.088098)	737	(KRN C v R -0.0293665)	805	(KRN O 51 R 0.117462)
670	(KRN C 1 R 0.117462)	738	(KRN C w R -0.0293665)	806	(KRN O 135 R 0.117462)
671	(KRN C 2 R 0.117462)	739	(KRN C Q R -0.0293665)	807	(KRN O 133 R 0.117462)
672	(KRN C 3 R 0.117462)	740	(KRN C T R -0.088098)	808	(KRN O 77 R 0.117462)
673	(KRN C 4 R 0.088098)	741	(KRN C Y R -0.088098)	809	(KRN C O R 0.088098)
674	(KRN C 5 R 0.117462)	742	(KRN C V R -0.117462)	810	(KRN C 1 R 0.117462)
675	(KRN C 6 R 0.088098)	743	(KRN C W R -0.117462)	811	(KRN C 2 R 0.117462)
676	(KRN C 7 R 0.117462)	744	(KRN C e R -0.058731)	812	(KRN C 3 R 0.117462)
677	(KRN C 8 R 0.117462)	745	(KRN C a R -0.058731)	813	(KRN C 4 R 0.088098)
678	(KRN C 9 R 0.117462)	746	(KRN C o R -0.058731)	814	(KRN C 5 R 0.117462)
679	(KRN O 43 R 0.117462)	747	(KRN C d R -0.058731)	815	(KRN C 6 R 0.088098)
680	(KRN O 45 R 0.088098)	748	(KRN C c R -0.058731)	816	(KRN C 7 R 0.117462)
681	(KRN O 100 R 0.117462)	749	(KRN C g R -0.058731)	817	(KRN C 8 R 0.117462)
682	(KRN O 52 R 0.088098)	750	(KRN C q R -0.058731)	818	(KRN C 9 R 0.117462)
683	(KRN O 53 R 0.088098)	751	(KRN O 72 R 0.058731)	819	(KRN O 43 R 0.117462)
684	(KRN O 57 R 0.117462)	752	(KRN O 73 R 0.058731)	820	(KRN O 45 R 0.088098)
685	(KRN O 74 R 0.117462)	753	(KRN O 41 R 0.058731)	821	(KRN O 100 R 0.117462)
686	(KRN O 76 R 0.117462)	754	(KRN O 50 R 0.058731)	822	(KRN O 52 R 0.088098)
687	(STOP)	755	(KRN O 51 R 0.058731)	823	(KRN O 53 R 0.088098)
688	(LABEL C D)	756	(KRN O 135 R 0.058731)	824	(KRN O 57 R 0.117462)
689	(LABEL C O)	757	(KRN O 133 R 0.058731)	825	(KRN O 74 R 0.117462)
690	(KRN C X R -0.0293665)	758	(KRN O 77 R 0.058731)	826	(KRN O 76 R 0.117462)
691	(KRN C W R -0.0293665)	759	(KRN C O R 0.058731)	827	(KRN C e R -0.058731)
692	(KRN C A R -0.0293665)	760	(KRN C 1 R 0.058731)	828	(KRN C a R -0.058731)
693	(KRN C V R -0.0293665)	761	(KRN C 2 R 0.058731)	829	(KRN C o R -0.058731)
694	(KRN C Y R -0.0293665)	762	(KRN C 3 R 0.058731)	830	(KRN C d R -0.058731)
695	(KRN O 72 R 0.088098)	763	(KRN C 4 R 0.058731)	831	(KRN C c R -0.058731)
696	(KRN O 73 R 0.088098)	764	(KRN C 5 R 0.058731)	832	(KRN C g R -0.058731)
697	(KRN O 41 R 0.117462)	765	(KRN C 6 R 0.058731)	833	(KRN C q R -0.058731)
698	(KRN O 50 R 0.117462)	766	(KRN C 7 R 0.058731)	834	(STOP)
699	(KRN O 51 R 0.117462)	767	(KRN C 8 R 0.058731)	835	(LABEL C b)
700	(KRN O 135 R 0.117462)	768	(KRN C 9 R 0.058731)	836	(LABEL C c)
701	(KRN O 133 R 0.117462)	769	(KRN O 43 R 0.058731)	837	(LABEL C e)
702	(KRN O 77 R 0.117462)	770	(KRN O 45 R 0.058731)	838	(LABEL C o)
703	(KRN C O R 0.088098)	771	(KRN O 100 R 0.058731)	839	(LABEL C p)
704	(KRN C 1 R 0.117462)	772	(KRN O 52 R 0.058731)	840	(LABEL C r)
705	(KRN C 2 R 0.117462)	773	(KRN O 53 R 0.058731)	841	(KRN C e R -0.058731)
706	(KRN C 3 R 0.117462)	774	(KRN O 57 R 0.058731)	842	(KRN C a R -0.058731)
707	(KRN C 4 R 0.088098)	775	(KRN O 74 R 0.058731)	843	(KRN C o R -0.058731)
708	(KRN C 5 R 0.117462)	776	(KRN O 76 R 0.058731)	844	(KRN C d R -0.058731)
709	(KRN C 6 R 0.088098)	777	(STOP)	845	(KRN C c R -0.058731)
710	(KRN C 7 R 0.117462)	778	(LABEL C R)	846	(KRN C g R -0.058731)
711	(KRN C 8 R 0.117462)	779	(KRN C n R -0.0293665)	847	(KRN C q R -0.058731)
712	(KRN C 9 R 0.117462)	780	(KRN C l R -0.0293665)	848	(KRN O 72 R 0.058731)
713	(KRN O 43 R 0.117462)	781	(KRN C r R -0.0293665)	849	(KRN O 73 R 0.058731)
714	(KRN O 45 R 0.088098)	782	(KRN C u R -0.0293665)	850	(KRN O 41 R 0.058731)
715	(KRN O 100 R 0.117462)	783	(KRN C m R -0.0293665)	851	(KRN O 50 R 0.058731)
716	(KRN O 52 R 0.088098)	784	(KRN C t R -0.0293665)	852	(KRN O 51 R 0.058731)
717	(KRN O 53 R 0.088098)	785	(KRN C i R -0.0293665)	853	(KRN O 135 R 0.058731)
718	(KRN O 57 R 0.117462)	786	(KRN C C R -0.0293665)	854	(KRN O 133 R 0.058731)
719	(KRN O 74 R 0.117462)	787	(KRN C O R -0.0293665)	855	(KRN O 77 R 0.058731)
720	(KRN O 76 R 0.117462)	788	(KRN C G R -0.0293665)	856	(KRN C O R 0.058731)
721	(STOP)	789	(KRN C h R -0.0293665)	857	(KRN C 1 R 0.058731)
722	(LABEL C A)	790	(KRN C b R -0.0293665)	858	(KRN C 2 R 0.058731)
723	(KRN C n R -0.0293665)	791	(KRN C U R -0.0293665)	859	(KRN C 3 R 0.058731)
724	(KRN C l R -0.0293665)	792	(KRN C k R -0.0293665)	860	(KRN C 4 R 0.058731)
725	(KRN C r R -0.0293665)	793	(KRN C v R -0.0293665)	861	(KRN C 5 R 0.058731)
726	(KRN C u R -0.0293665)	794	(KRN C w R -0.0293665)	862	(KRN C 6 R 0.058731)
727	(KRN C m R -0.0293665)	795	(KRN C Q R -0.0293665)	863	(KRN C 7 R 0.058731)
728	(KRN C t R -0.0293665)	796	(LABEL C L)	864	(KRN C 8 R 0.058731)



865	(KRN C 9 R 0.058731)	933	(KRN O 53 R 0.088098)	1001	(KRN C 2 R 0.176193)
866	(KRN O 43 R 0.058731)	934	(KRN O 57 R 0.176193)	1002	(KRN C 3 R 0.176193)
867	(KRN O 45 R 0.058731)	935	(KRN O 74 R 0.176193)	1003	(KRN C 4 R 0.176193)
868	(KRN O 100 R 0.058731)	936	(KRN O 76 R 0.176193)	1004	(KRN C 5 R 0.176193)
869	(KRN O 52 R 0.058731)	937	(STOP)	1005	(KRN C 6 R 0.176193)
870	(KRN O 53 R 0.058731)	938	(LABEL C B)	1006	(KRN C 7 R 0.176193)
871	(KRN O 57 R 0.058731)	939	(LABEL C C)	1007	(KRN C 8 R 0.176193)
872	(KRN O 74 R 0.058731)	940	(LABEL C E)	1008	(KRN C 9 R 0.176193)
873	(KRN O 76 R 0.058731)	941	(LABEL C G)	1009	(KRN O 43 R 0.176193)
874	(STOP)	942	(LABEL C Q)	1010	(KRN O 45 R 0.176193)
875	(LABEL C n)	943	(LABEL C S)	1011	(KRN O 100 R 0.176193)
876	(KRN O 47 R -0.117462)	944	(LABEL C a)	1012	(KRN O 52 R 0.088098)
877	(KRN O 72 R 0.088098)	945	(LABEL C g)	1013	(KRN O 53 R 0.088098)
878	(KRN O 73 R 0.088098)	946	(LABEL C h)	1014	(KRN O 57 R 0.176193)
879	(KRN O 41 R 0.117462)	947	(LABEL C i)	1015	(KRN O 74 R 0.176193)
880	(KRN O 50 R 0.117462)	948	(LABEL C j)	1016	(KRN O 76 R 0.176193)
881	(KRN O 51 R 0.117462)	949	(LABEL C k)	1017	(STOP)
882	(KRN O 135 R 0.117462)	950	(LABEL C m)	1018	(LABEL O 13)
883	(KRN O 133 R 0.117462)	951	(LABEL C q)	1019	(LIG C i O 16)
884	(KRN O 77 R 0.117462)	952	(LABEL C s)	1020	(LIG C l O 17)
885	(KRN C 0 R 0.088098)	953	(LABEL C t)	1021	(KRN O 47 R 0.117462)
886	(KRN C 1 R 0.117462)	954	(LABEL C u)	1022	(KRN O 72 R 0.176193)
887	(KRN C 2 R 0.117462)	955	(LABEL C v)	1023	(KRN O 73 R 0.176193)
888	(KRN C 3 R 0.117462)	956	(LABEL C x)	1024	(KRN O 41 R 0.176193)
889	(KRN C 4 R 0.088098)	957	(LABEL C y)	1025	(KRN O 50 R 0.176193)
890	(KRN C 5 R 0.117462)	958	(LABEL C z)	1026	(KRN O 51 R 0.176193)
891	(KRN C 6 R 0.088098)	959	(KRN O 72 R 0.088098)	1027	(KRN O 135 R 0.176193)
892	(KRN C 7 R 0.117462)	960	(KRN O 73 R 0.088098)	1028	(KRN O 133 R 0.176193)
893	(KRN C 8 R 0.117462)	961	(KRN O 41 R 0.117462)	1029	(KRN O 77 R 0.176193)
894	(KRN C 9 R 0.117462)	962	(KRN O 50 R 0.117462)	1030	(KRN C 0 R 0.176193)
895	(KRN O 43 R 0.117462)	963	(KRN O 51 R 0.117462)	1031	(KRN C 1 R 0.176193)
896	(KRN O 45 R 0.088098)	964	(KRN O 135 R 0.117462)	1032	(KRN C 2 R 0.176193)
897	(KRN O 100 R 0.117462)	965	(KRN O 133 R 0.117462)	1033	(KRN C 3 R 0.176193)
898	(KRN O 52 R 0.088098)	966	(KRN O 77 R 0.117462)	1034	(KRN C 4 R 0.176193)
899	(KRN O 53 R 0.088098)	967	(KRN C 0 R 0.088098)	1035	(KRN C 5 R 0.176193)
900	(KRN O 57 R 0.117462)	968	(KRN C 1 R 0.117462)	1036	(KRN C 6 R 0.176193)
901	(KRN O 74 R 0.117462)	969	(KRN C 2 R 0.117462)	1037	(KRN C 7 R 0.176193)
902	(KRN O 76 R 0.117462)	970	(KRN C 3 R 0.117462)	1038	(KRN C 8 R 0.176193)
903	(STOP)	971	(KRN C 4 R 0.088098)	1039	(KRN C 9 R 0.176193)
904	(LABEL C H)	972	(KRN C 5 R 0.117462)	1040	(KRN O 43 R 0.176193)
905	(LABEL C I)	973	(KRN C 6 R 0.088098)	1041	(KRN O 45 R 0.176193)
906	(LABEL C J)	974	(KRN C 7 R 0.117462)	1042	(KRN O 100 R 0.176193)
907	(LABEL C M)	975	(KRN C 8 R 0.117462)	1043	(KRN O 52 R 0.088098)
908	(LABEL C N)	976	(KRN C 9 R 0.117462)	1044	(KRN O 53 R 0.088098)
909	(LABEL C U)	977	(KRN O 43 R 0.117462)	1045	(KRN O 57 R 0.176193)
910	(LABEL C Z)	978	(KRN O 45 R 0.088098)	1046	(KRN O 74 R 0.176193)
911	(KRN O 72 R 0.176193)	979	(KRN O 100 R 0.117462)	1047	(KRN O 76 R 0.176193)
912	(KRN O 73 R 0.176193)	980	(KRN O 52 R 0.088098)	1048	(STOP))
913	(KRN O 41 R 0.176193)	981	(KRN O 53 R 0.088098)	1049	(CHARACTER O 0
914	(KRN O 50 R 0.176193)	982	(KRN O 57 R 0.117462)	1050	(CHARWD R 0.734534)
915	(KRN O 51 R 0.176193)	983	(KRN O 74 R 0.117462)	1051	(CHARHT R 0.677977)
916	(KRN O 135 R 0.176193)	984	(KRN O 76 R 0.117462)	1052	(CHARIC R 0.126785)
917	(KRN O 133 R 0.176193)	985	(STOP)	1053	(MAP
918	(KRN O 77 R 0.176193)	986	(LABEL C f)	1054	(SELECTFONT D 0)
919	(KRN C 0 R 0.176193)	987	(LIG C i O 14)	1055	(SETCHAR O 0))
920	(KRN C 1 R 0.176193)	988	(LIG C f O 13)	1056	(CHARACTER O 1
921	(KRN C 2 R 0.176193)	989	(LIG C l O 15)	1057	(CHARWD R 0.955568)
922	(KRN C 3 R 0.176193)	990	(KRN O 47 R 0.117462)	1058	(CHARHT R 0.677977)
923	(KRN C 4 R 0.176193)	991	(KRN O 72 R 0.176193)	1059	(MAP
924	(KRN C 5 R 0.176193)	992	(KRN O 73 R 0.176193)	1060	(SELECTFONT D 0)
925	(KRN C 6 R 0.176193)	993	(KRN O 41 R 0.176193)	1061	(SETCHAR O 1))
926	(KRN C 7 R 0.176193)	994	(KRN O 50 R 0.176193)	1062	(CHARACTER O 2
927	(KRN C 8 R 0.176193)	995	(KRN O 51 R 0.176193)	1063	(CHARWD R 0.896837)
928	(KRN C 9 R 0.176193)	996	(KRN O 135 R 0.176193)	1064	(CHARHT R 0.677977)
929	(KRN O 43 R 0.176193)	997	(KRN O 133 R 0.176193)	1065	(CHARIC R 0.090217)
930	(KRN O 45 R 0.176193)	998	(KRN O 77 R 0.176193)	1066	(MAP
931	(KRN O 100 R 0.176193)	999	(KRN C 0 R 0.176193)	1067	(SELECTFONT D 0)
932	(KRN O 52 R 0.088098)	1000	(KRN C 1 R 0.176193)	1068	(SETCHAR O 2))

1069 (CHARACTER 0 3	1137 (MAP	1205 (SETCHAR 0 25)))
1070 (CHARWD R 0.807155)	1138 (SELECTFONT D 0)	1206 (CHARACTER 0 26
1071 (CHARHT R 0.677977)	1139 (SETCHAR 0 14)))	1207 (CHARWD R 0.603182)
1072 (MAP	1140 (CHARACTER 0 15	1208 (CHARHT R 0.573013)
1073 (SELECTFONT D 0)	1141 (CHARWD R 0.707153)	1209 (CHARIC R 0.099206)
1074 (SETCHAR 0 3)))	1142 (CHARHT R 0.694445)	1210 (MAP
1075 (CHARACTER 0 4	1143 (CHARDP R 0.194445)	1211 (SELECTFONT D 0)
1076 (CHARWD R 0.779375)	1144 (CHARIC R 0.092856)	1212 (SETCHAR 0 26)))
1077 (CHARHT R 0.677977)	1145 (MAP	1213 (CHARACTER 0 27
1078 (CHARIC R 0.150277)	1146 (SELECTFONT D 0)	1214 (CHARWD R 0.953849)
1079 (MAP	1147 (SETCHAR 0 15)))	1215 (CHARHT R 0.694445)
1080 (SELECTFONT D 0)	1148 (CHARACTER 0 16	1216 (MAP
1081 (SETCHAR 0 4)))	1149 (CHARWD R 1.060728)	1217 (SELECTFONT D 0)
1082 (CHARACTER 0 5	1150 (CHARHT R 0.694445)	1218 (SETCHAR 0 27)))
1083 (CHARWD R 0.865886)	1151 (CHARDP R 0.194445)	1219 (CHARACTER 0 30
1084 (CHARHT R 0.677977)	1152 (CHARIC R 0.092856)	1220 (CHARWD R 0.544451)
1085 (CHARIC R 0.148012)	1153 (MAP	1221 (CHARDP R 0.17014)
1086 (MAP	1154 (SELECTFONT D 0)	1222 (MAP
1087 (SELECTFONT D 0)	1155 (SETCHAR 0 16)))	1223 (SELECTFONT D 0)
1088 (SETCHAR 0 5)))	1156 (CHARACTER 0 17	1224 (SETCHAR 0 30)))
1089 (CHARACTER 0 6	1157 (CHARWD R 1.075411)	1225 (CHARACTER 0 31
1090 (CHARWD R 0.838106)	1158 (CHARHT R 0.694445)	1226 (CHARWD R 0.632551)
1091 (CHARHT R 0.677977)	1159 (CHARDP R 0.194445)	1227 (CHARHT R 0.694445)
1092 (CHARIC R 0.112102)	1160 (CHARIC R 0.092856)	1228 (CHARDP R 0.194445)
1093 (MAP	1161 (MAP	1229 (CHARIC R 0.097519)
1094 (SELECTFONT D 0)	1162 (SELECTFONT D 0)	1230 (MAP
1095 (SETCHAR 0 6)))	1163 (SETCHAR 0 17)))	1231 (SELECTFONT D 0)
1096 (CHARACTER 0 7	1164 (CHARACTER 0 20	1232 (SETCHAR 0 31)))
1097 (CHARWD R 0.896837)	1165 (CHARWD R 0.3682575)	1233 (CHARACTER 0 32
1098 (CHARHT R 0.677977)	1166 (CHARHT R 0.430555)	1234 (CHARWD R 0.838106)
1099 (CHARIC R 0.107302)	1167 (CHARIC R 0.0860815)	1235 (CHARHT R 0.430555)
1100 (MAP	1168 (MAP	1236 (CHARIC R 0.072917)
1101 (SELECTFONT D 0)	1169 (SELECTFONT D 0)	1237 (MAP
1102 (SETCHAR 0 7)))	1170 (SETCHAR 0 20)))	1238 (SELECTFONT D 0)
1103 (CHARACTER 0 10	1171 (CHARACTER 0 21	1239 (SETCHAR 0 32)))
1104 (CHARWD R 0.838106)	1172 (CHARWD R 0.397624)	1240 (CHARACTER 0 33
1105 (CHARHT R 0.677977)	1173 (CHARHT R 0.430555)	1241 (CHARWD R 0.838106)
1106 (CHARIC R 0.05605)	1174 (CHARDP R 0.194445)	1242 (CHARHT R 0.430555)
1107 (MAP	1175 (CHARIC R 0.026884)	1243 (CHARIC R 0.072917)
1108 (SELECTFONT D 0)	1176 (MAP	1244 (MAP
1109 (SETCHAR 0 10)))	1177 (SELECTFONT D 0)	1245 (SELECTFONT D 0)
1110 (CHARACTER 0 11	1178 (SETCHAR 0 21)))	1246 (SETCHAR 0 33)))
1111 (CHARWD R 0.896837)	1179 (CHARACTER 0 22	1247 (CHARACTER 0 34
1112 (CHARHT R 0.677977)	1180 (CHARWD R 0.603182)	1248 (CHARWD R 0.603182)
1113 (CHARIC R 0.107302)	1181 (CHARHT R 0.694445)	1249 (CHARHT R 0.527778)
1114 (MAP	1182 (MAP	1250 (CHARDP R 0.097222)
1115 (SELECTFONT D 0)	1183 (SELECTFONT D 0)	1251 (CHARIC R 0.087104)
1116 (SETCHAR 0 11)))	1184 (SETCHAR 0 22)))	1252 (MAP
1117 (CHARACTER 0 12	1185 (CHARACTER 0 23	1253 (SELECTFONT D 0)
1118 (CHARWD R 0.838106)	1186 (CHARWD R 0.603182)	1254 (SETCHAR 0 34)))
1119 (CHARHT R 0.677977)	1187 (CHARHT R 0.694445)	1255 (CHARACTER 0 35
1120 (CHARIC R 0.09876)	1188 (CHARIC R 0.085515)	1256 (CHARWD R 1.02819)
1121 (MAP	1189 (MAP	1257 (CHARHT R 0.677977)
1122 (SELECTFONT D 0)	1190 (SELECTFONT D 0)	1258 (CHARIC R 0.112102)
1123 (SETCHAR 0 12)))	1191 (SETCHAR 0 23)))	1259 (MAP
1124 (CHARACTER 0 13	1192 (CHARACTER 0 24	1260 (SELECTFONT D 0)
1125 (CHARWD R 0.736518)	1193 (CHARWD R 0.603182)	1261 (SETCHAR 0 35)))
1126 (CHARHT R 0.694445)	1194 (CHARHT R 0.628472)	1262 (CHARACTER 0 36
1127 (CHARDP R 0.194445)	1195 (CHARIC R 0.075173)	1263 (CHARWD R 1.145652)
1128 (CHARIC R 0.21766)	1196 (MAP	1264 (CHARHT R 0.677977)
1129 (MAP	1197 (SELECTFONT D 0)	1265 (CHARIC R 0.112102)
1130 (SELECTFONT D 0)	1198 (SETCHAR 0 24)))	1266 (MAP
1131 (SETCHAR 0 13)))	1199 (CHARACTER 0 25	1267 (SELECTFONT D 0)
1132 (CHARACTER 0 14	1200 (CHARWD R 0.603182)	1268 (SETCHAR 0 36)))
1133 (CHARWD R 0.677789)	1201 (CHARHT R 0.694445)	1269 (CHARACTER 0 37
1134 (CHARHT R 0.694445)	1202 (CHARIC R 0.099404)	1270 (CHARWD R 0.896837)
1135 (CHARDP R 0.194445)	1203 (MAP	1271 (CHARHT R 0.731947)
1136 (CHARIC R 0.092856)	1204 (SELECTFONT D 0)	1272 (CHARDP R 0.048613)

1273	(CHARIC R 0.090217)	1279	(CHARHT R 0.430555)	1285	(CHARHT R 0.694445)
1274	(MAP	1280	(MAP	1286	(MAP
1275	(SELECTFONT D 0)	1281	(SELECTFONT D 0)	1287	(SELECTFONT D 1)
1276	(SETCHAR O 37)))	1282	(SETCHAR O 40)))	1288	(MOVERIGHT R 0.02242125)
1277	(CHARACTER O 40	1283	(CHARACTER O 41	1289	
1278	(CHARWD R 0.309526)	1284	(CHARWD R 0.3682575)		

The character “!” width (2.26391pt from `cmr7`) has been adjusted by increasing interletter space on 0.15695pt to match its width in `cmtiup7`

1290	(SETCHAR O 41)	1296	(MAP	1302	(CHARDP R 0.194445)
1291	(MOVERIGHT R 0.02242125)))	1297	(SELECTFONT D 0)	1303	(MAP
1292	(CHARACTER O 42	1298	(SETCHAR O 42)))	1304	(SELECTFONT D 1)
1293	(CHARWD R 0.603182)	1299	(CHARACTER O 43	1305	(MOVERIGHT R 0.00853550)
1294	(CHARHT R 0.694445)	1300	(CHARWD R 0.955568)	1306	
1295	(CHARIC R 0.047895)	1301	(CHARHT R 0.694445)		

The character “#” width (6.56948pt from `cmr7`) has been adjusted by increasing interletter space on 0.05975pt to match its width in `cmtiup7`

1307	(SETCHAR O 43)	1313	(SELECTFONT D 0)	1319	(MAP
1308	(MOVERIGHT R 0.00853550)))	1314	(SETCHAR O 44)))	1320	(SELECTFONT D 1)
1309	(CHARACTER O 44	1315	(CHARACTER O 45	1321	(MOVERIGHT R 0.00853550)
1310	(CHARWD R 0.8802185)	1316	(CHARWD R 0.955568)	1322	
1311	(CHARHT R 0.694445)	1317	(CHARHT R 0.75)		
1312	(MAP	1318	(CHARDP R 0.055555)		

The character “%” width (6.56948pt from `cmr7`) has been adjusted by increasing interletter space on 0.05975pt to match its width in `cmtiup7`

1323	(SETCHAR O 45)	1331	(SETCHAR O 46)))	1339	(CHARWD R 0.48572)
1324	(MOVERIGHT R 0.00853550)))	1332	(CHARACTER O 47	1340	(CHARHT R 0.75)
1325	(CHARACTER O 46	1333	(CHARWD R 0.3682575)	1341	(CHARDP R 0.25)
1326	(CHARWD R 0.896837)	1334	(CHARHT R 0.694445)	1342	(MAP
1327	(CHARHT R 0.694445)	1335	(MAP	1343	(SELECTFONT D 1)
1328	(CHARIC R 0.085515)	1336	(SELECTFONT D 0)	1344	(MOVERIGHT R 0.01964450)
1329	(MAP	1337	(SETCHAR O 47)))	1345	
1330	(SELECTFONT D 0)	1338	(CHARACTER O 50		

The character “(” width (3.12502pt from `cmr7`) has been adjusted by increasing interletter space on 0.13751pt to match its width in `cmtiup7`

1346	(SETCHAR O 50)	1350	(CHARHT R 0.75)	1354	(MOVERIGHT R 0.01964450)
1347	(MOVERIGHT R 0.01964450)))	1351	(CHARDP R 0.25)	1355	
1348	(CHARACTER O 51	1352	(MAP		
1349	(CHARWD R 0.48572)	1353	(SELECTFONT D 1)		

The character “)” width (3.12502pt from `cmr7`) has been adjusted by increasing interletter space on 0.13751pt to match its width in `cmtiup7`

1356	(SETCHAR O 51)	1359	(CHARWD R 0.603182)	1362	(SELECTFONT D 1)
1357	(MOVERIGHT R 0.01964450)))	1360	(CHARHT R 0.75)	1363	(MOVERIGHT R 0.01686725)
1358	(CHARACTER O 52	1361	(MAP	1364	

The character “\*” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1365	(SETCHAR O 52)	1369	(CHARHT R 0.602386)	1373	(MOVERIGHT R 0.00992450)
1366	(MOVERIGHT R 0.016867250))		(CHARDP R 0.102386)	1374	
1367	(CHARACTER O 53	1371	(MAP		
1368	(CHARWD R 0.896837)	1372	(SELECTFONT D 1)		

The character “+” width (6.13892pt from `cmr7`) has been adjusted by increasing interletter space on 0.06947pt to match its width in `cmtiup7`

1375	(SETCHAR O 53)	1379	(CHARHT R 0.11508)	1383	(MOVERIGHT R 0.02242125)
1376	(MOVERIGHT R 0.00992450))		(CHARDP R 0.194445)	1384	
1377	(CHARACTER O 54	1381	(MAP		
1378	(CHARWD R 0.3682575)	1382	(SELECTFONT D 1)		

The character “,” width (2.26391pt from `cmr7`) has been adjusted by increasing interletter space on 0.15695pt to match its width in `cmtiup7`

1385	(SETCHAR O 54)	1391	(MAP	1397	(MAP
1386	(MOVERIGHT R 0.02242125))		(SELECTFONT D 0)	1398	(SELECTFONT D 1)
1387	(CHARACTER O 55	1393	(SETCHAR O 55)))	1399	(MOVERIGHT R 0.02242125)
1388	(CHARWD R 0.426989)	1394	(CHARACTER O 56	1400	
1389	(CHARHT R 0.430555)	1395	(CHARWD R 0.3682575)		
1390	(CHARIC R 0.024453)	1396	(CHARHT R 0.11508)		

The character “.” width (2.26391pt from `cmr7`) has been adjusted by increasing interletter space on 0.15695pt to match its width in `cmtiup7`

1401	(SETCHAR O 56)	1405	(CHARHT R 0.75)	1409	(MOVERIGHT R 0.01686725)
1402	(MOVERIGHT R 0.02242125))		(CHARDP R 0.25)	1410	
1403	(CHARACTER O 57	1407	(MAP		
1404	(CHARWD R 0.603182)	1408	(SELECTFONT D 1)		

The character “/” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1411	(SETCHAR O 57)	1414	(CHARWD R 0.603182)	1417	(SELECTFONT D 1)
1412	(MOVERIGHT R 0.01686725))		(CHARHT R 0.644444)	1418	(MOVERIGHT R 0.01686725)
1413	(CHARACTER C 0	1416	(MAP	1419	

The character “0” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1420	(SETCHAR C 0)	1423	(CHARWD R 0.603182)	1426	(SELECTFONT D 1)
1421	(MOVERIGHT R 0.01686725))		(CHARHT R 0.644444)	1427	(MOVERIGHT R 0.01686725)
1422	(CHARACTER C 1	1425	(MAP	1428	

The character “1” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1429	(SETCHAR C 1)	1432	(CHARWD R 0.603182)	1435	(SELECTFONT D 1)
1430	(MOVERIGHT R 0.01686725))		(CHARHT R 0.644444)	1436	(MOVERIGHT R 0.01686725)
1431	(CHARACTER C 2	1434	(MAP	1437	

The character “2” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1438	(SETCHAR C 2)	1441	(CHARWD R 0.603182)	1444	(SELECTFONT D 1)
1439	(MOVERIGHT R 0.01686725))	1442	(CHARHT R 0.644444)	1445	(MOVERIGHT R 0.01686725)
1440	(CHARACTER C 3	1443	(MAP	1446	

The character “3” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1447	(SETCHAR C 3)	1450	(CHARWD R 0.603182)	1453	(SELECTFONT D 1)
1448	(MOVERIGHT R 0.01686725))	1451	(CHARHT R 0.644444)	1454	(MOVERIGHT R 0.01686725)
1449	(CHARACTER C 4	1452	(MAP	1455	

The character “4” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1456	(SETCHAR C 4)	1459	(CHARWD R 0.603182)	1462	(SELECTFONT D 1)
1457	(MOVERIGHT R 0.01686725))	1460	(CHARHT R 0.644444)	1463	(MOVERIGHT R 0.01686725)
1458	(CHARACTER C 5	1461	(MAP	1464	

The character “5” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1465	(SETCHAR C 5)	1468	(CHARWD R 0.603182)	1471	(SELECTFONT D 1)
1466	(MOVERIGHT R 0.01686725))	1469	(CHARHT R 0.644444)	1472	(MOVERIGHT R 0.01686725)
1467	(CHARACTER C 6	1470	(MAP	1473	

The character “6” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1474	(SETCHAR C 6)	1477	(CHARWD R 0.603182)	1480	(SELECTFONT D 1)
1475	(MOVERIGHT R 0.01686725))	1478	(CHARHT R 0.644444)	1481	(MOVERIGHT R 0.01686725)
1476	(CHARACTER C 7	1479	(MAP	1482	

The character “7” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1483	(SETCHAR C 7)	1486	(CHARWD R 0.603182)	1489	(SELECTFONT D 1)
1484	(MOVERIGHT R 0.01686725))	1487	(CHARHT R 0.644444)	1490	(MOVERIGHT R 0.01686725)
1485	(CHARACTER C 8	1488	(MAP	1491	

The character “8” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1492	(SETCHAR C 8)	1495	(CHARWD R 0.603182)	1498	(SELECTFONT D 1)
1493	(MOVERIGHT R 0.01686725))	1496	(CHARHT R 0.644444)	1499	(MOVERIGHT R 0.01686725)
1494	(CHARACTER C 9	1497	(MAP	1500	

The character “9” width (3.98613pt from `cmr7`) has been adjusted by increasing interletter space on 0.11807pt to match its width in `cmtiup7`

1501	(SETCHAR C 9)	1504	(CHARWD R 0.3682575)	1507	(SELECTFONT D 1)
1502	(MOVERIGHT R 0.016867263))		(CHARHT R 0.430555)	1508	(MOVERIGHT R 0.02242125)
1503	(CHARACTER O 72	1506	(MAP	1509	

The character “.” width (2.26391pt from cmr7) has been adjusted by increasing interletter space on 0.15695pt to match its width in cmtiup7

1510	(SETCHAR O 72)	1514	(CHARHT R 0.430555)	1518	(MOVERIGHT R 0.02242125)
1511	(MOVERIGHT R 0.02242125))		(CHARDP R 0.194445)	1519	
1512	(CHARACTER O 73	1516	(MAP		
1513	(CHARWD R 0.3682575)	1517	(SELECTFONT D 1)		

The character “;” width (2.26391pt from cmr7) has been adjusted by increasing interletter space on 0.15695pt to match its width in cmtiup7

1520	(SETCHAR O 73)	1524	(CHARHT R 0.5)	1528	(MOVERIGHT R 0.02242125)
1521	(MOVERIGHT R 0.02242125))		(CHARDP R 0.194445)	1529	
1522	(CHARACTER O 74	1526	(MAP		
1523	(CHARWD R 0.3682575)	1527	(SELECTFONT D 1)		

The character “j” width (2.26391pt from cmr7) has been adjusted by increasing interletter space on 0.15695pt to match its width in cmtiup7

1530	(SETCHAR O 74)	1534	(CHARHT R 0.384079)	1538	(MOVERIGHT R 0.00992450)
1531	(MOVERIGHT R 0.02242125))		(CHARDP R -0.115921)	1539	
1532	(CHARACTER O 75	1536	(MAP		
1533	(CHARWD R 0.896837)	1537	(SELECTFONT D 1)		

The character “=” width (6.13892pt from cmr7) has been adjusted by increasing interletter space on 0.06947pt to match its width in cmtiup7

1540	(SETCHAR O 75)	1544	(CHARHT R 0.5)	1548	(MOVERIGHT R 0.03224400)
1541	(MOVERIGHT R 0.00992450))		(CHARDP R 0.194445)	1549	
1542	(CHARACTER O 76	1546	(MAP		
1543	(CHARWD R 0.603182)	1547	(SELECTFONT D 1)		

The character “¿” width (3.77086pt from cmr7) has been adjusted by increasing interletter space on 0.22571pt to match its width in cmtiup7

1550	(SETCHAR O 76)	1553	(CHARWD R 0.603182)	1556	(SELECTFONT D 1)
1551	(MOVERIGHT R 0.03224400))		(CHARHT R 0.694445)	1557	(MOVERIGHT R 0.03224400)
1552	(CHARACTER O 77	1555	(MAP	1558	

The character “?” width (3.77086pt from cmr7) has been adjusted by increasing interletter space on 0.22571pt to match its width in cmtiup7

1559	(SETCHAR O 77)	1562	(CHARWD R 0.896837)	1565	(SELECTFONT D 1)
1560	(MOVERIGHT R 0.03224400))		(CHARHT R 0.694445)	1566	(MOVERIGHT R 0.00992450)
1561	(CHARACTER O 100	1564	(MAP	1567	

The character “@” width (6.13892pt from cmr7) has been adjusted by increasing interletter space on 0.06947pt to match its width in cmtiup7

1568	(SETCHAR O 100)	1632	(CHARACTER C J	1696	(CHARWD R 0.661913)
1569	(MOVERIGHT R 0.009921583))	1633	(CHARWD R 0.617072)	1697	(CHARHT R 0.677977)
1570	(CHARACTER C A	1634	(CHARHT R 0.677977)	1698	(CHARIC R 0.112102)
1571	(CHARWD R 0.865886)	1635	(CHARIC R 0.124202)	1699	(MAP
1572	(CHARHT R 0.677977)	1636	(MAP	1700	(SELECTFONT D O)
1573	(MAP	1637	(SELECTFONT D O)	1701	(SETCHAR C S)))
1574	(SELECTFONT D O)	1638	(SETCHAR C J)))	1702	(CHARACTER C T
1575	(SETCHAR C A)))	1639	(CHARACTER C K	1703	(CHARWD R 0.838106)
1576	(CHARACTER C B	1640	(CHARWD R 0.895253)	1704	(CHARHT R 0.677977)
1577	(CHARWD R 0.822632)	1641	(CHARHT R 0.677977)	1705	(CHARIC R 0.126785)
1578	(CHARHT R 0.677977)	1642	(CHARIC R 0.141466)	1706	(MAP
1579	(CHARIC R 0.09876)	1643	(MAP	1707	(SELECTFONT D O)
1580	(MAP	1644	(SELECTFONT D O)	1708	(SETCHAR C T)))
1581	(SELECTFONT D O)	1645	(SETCHAR C K)))	1709	(CHARACTER C U
1582	(SETCHAR C B)))	1646	(CHARACTER C L	1710	(CHARWD R 0.865886)
1583	(CHARACTER C C	1647	(CHARWD R 0.734534)	1711	(CHARHT R 0.677977)
1584	(CHARWD R 0.838106)	1648	(CHARHT R 0.677977)	1712	(CHARIC R 0.148012)
1585	(CHARHT R 0.677977)	1649	(MAP	1713	(MAP
1586	(CHARIC R 0.141466)	1650	(SELECTFONT D O)	1714	(SELECTFONT D O)
1587	(MAP	1651	(SETCHAR C L)))	1715	(SETCHAR C U)))
1588	(SELECTFONT D O)	1652	(CHARACTER C M	1716	(CHARACTER C V
1589	(SETCHAR C C)))	1653	(CHARWD R 1.042079)	1717	(CHARWD R 0.865886)
1590	(CHARACTER C D	1654	(CHARHT R 0.677977)	1718	(CHARHT R 0.677977)
1591	(CHARWD R 0.881363)	1655	(CHARIC R 0.148012)	1719	(CHARIC R 0.185516)
1592	(CHARHT R 0.677977)	1656	(MAP	1720	(MAP
1593	(CHARIC R 0.090217)	1657	(SELECTFONT D O)	1721	(SELECTFONT D O)
1594	(MAP	1658	(SETCHAR C M)))	1722	(SETCHAR C V)))
1595	(SELECTFONT D O)	1659	(CHARACTER C N	1723	(CHARACTER C W
1596	(SETCHAR C D)))	1660	(CHARWD R 0.865886)	1724	(CHARWD R 1.159541)
1597	(CHARACTER C E	1661	(CHARHT R 0.677977)	1725	(CHARHT R 0.677977)
1598	(CHARWD R 0.793265)	1662	(CHARIC R 0.148012)	1726	(CHARIC R 0.185516)
1599	(CHARHT R 0.677977)	1663	(MAP	1727	(MAP
1600	(CHARIC R 0.112102)	1664	(SELECTFONT D O)	1728	(SELECTFONT D O)
1601	(MAP	1665	(SETCHAR C N)))	1729	(SETCHAR C W)))
1602	(SELECTFONT D O)	1666	(CHARACTER C O	1730	(CHARACTER C X
1603	(SETCHAR C E)))	1667	(CHARWD R 0.896837)	1731	(CHARWD R 0.865886)
1604	(CHARACTER C F	1668	(CHARHT R 0.677977)	1732	(CHARHT R 0.677977)
1605	(CHARWD R 0.763901)	1669	(CHARIC R 0.090217)	1733	(CHARIC R 0.15615)
1606	(CHARHT R 0.677977)	1670	(MAP	1734	(MAP
1607	(CHARIC R 0.126785)	1671	(SELECTFONT D O)	1735	(SELECTFONT D O)
1608	(MAP	1672	(SETCHAR C O)))	1736	(SETCHAR C X)))
1609	(SELECTFONT D O)	1673	(CHARACTER C P	1737	(CHARACTER C Y
1610	(SETCHAR C F)))	1674	(CHARWD R 0.793265)	1738	(CHARWD R 0.865886)
1611	(CHARACTER C G	1675	(CHARHT R 0.677977)	1739	(CHARHT R 0.677977)
1612	(CHARWD R 0.903783)	1676	(CHARIC R 0.09876)	1740	(CHARIC R 0.197261)
1613	(CHARHT R 0.677977)	1677	(MAP	1741	(MAP
1614	(CHARIC R 0.07579)	1678	(SELECTFONT D O)	1742	(SELECTFONT D O)
1615	(MAP	1679	(SETCHAR C P)))	1743	(SETCHAR C Y)))
1616	(SELECTFONT D O)	1680	(CHARACTER C Q	1744	(CHARACTER C Z
1617	(SETCHAR C G)))	1681	(CHARWD R 0.896837)	1745	(CHARWD R 0.720644)
1618	(CHARACTER C H	1682	(CHARHT R 0.677977)	1746	(CHARHT R 0.677977)
1619	(CHARWD R 0.865886)	1683	(CHARDP R 0.194445)	1747	(CHARIC R 0.141466)
1620	(CHARHT R 0.677977)	1684	(CHARIC R 0.090217)	1748	(MAP
1621	(CHARIC R 0.148012)	1685	(MAP	1749	(SELECTFONT D O)
1622	(MAP	1686	(SELECTFONT D O)	1750	(SETCHAR C Z)))
1623	(SELECTFONT D O)	1687	(SETCHAR C Q)))	1751	(CHARACTER O 133
1624	(SETCHAR C H)))	1688	(CHARACTER C R	1752	(CHARWD R 0.3682575)
1625	(CHARACTER C I	1689	(CHARWD R 0.851996)	1753	(CHARHT R 0.75)
1626	(CHARWD R 0.454768)	1690	(CHARHT R 0.677977)	1754	(CHARDP R 0.25)
1627	(CHARHT R 0.677977)	1691	(CHARIC R 0.025347)	1755	(MAP
1628	(CHARIC R 0.15615)	1692	(MAP	1756	(SELECTFONT D 1)
1629	(MAP	1693	(SELECTFONT D O)	1757	(MOVERIGHT R 0.02242125)
1630	(SELECTFONT D O)	1694	(SETCHAR C R)))	1758	
1631	(SETCHAR C I)))	1695	(CHARACTER C S		

The character “[” width (2.26391pt from cmr7) has been adjusted by increasing interletter space on 0.15695pt to match its width in cmtiup7

1759	(SETCHAR O 133)	1765	(MAP	1771	(CHARDP R 0.25)
1760	(MOVERIGHT R 0.022421266))	1766	(SELECTFONT D O)	1772	(MAP
1761	(CHARACTER O 134	1767	(SETCHAR O 134)))	1773	(SELECTFONT D 1)
1762	(CHARWD R 0.603182)	1768	(CHARACTER O 135	1774	(MOVERIGHT R 0.02242125)
1763	(CHARHT R 0.694445)	1769	(CHARWD R 0.3682575)	1775	
1764	(CHARIC R 0.16774)	1770	(CHARHT R 0.75)		

The character “]” width (2.26391pt from cmr7) has been adjusted by increasing interletter space on 0.15695pt to match its width in cmtiup7

1776	(SETCHAR O 135)	1832	(SETCHAR C e)))	1888	(CHARIC R 0.0860815)
1777	(MOVERIGHT R 0.022421253))	1833	(CHARACTER C f	1889	(MAP
1778	(CHARACTER O 136	1834	(CHARWD R 0.36826)	1890	(SELECTFONT D O)
1779	(CHARWD R 0.603182)	1835	(CHARHT R 0.694445)	1891	(SETCHAR C m)))
1780	(CHARHT R 0.694445)	1836	(CHARDP R 0.194445)	1892	(CHARACTER C n
1781	(CHARIC R 0.058681)	1837	(CHARIC R 0.21766)	1893	(CHARWD R 0.661913)
1782	(MAP	1838	(MAP	1894	(CHARHT R 0.430555)
1783	(SELECTFONT D O)	1839	(SELECTFONT D O)	1895	(CHARIC R 0.0860815)
1784	(SETCHAR O 136)))	1840	(SETCHAR C f)))	1896	(MAP
1785	(CHARACTER O 137	1841	(CHARACTER C g	1897	(SELECTFONT D O)
1786	(CHARWD R 0.3682575)	1842	(CHARWD R 0.544451)	1898	(SETCHAR C n)))
1787	(CHARHT R 0.677977)	1843	(CHARHT R 0.430555)	1899	(CHARACTER C o
1788	(CHARIC R 0.108235)	1844	(CHARDP R 0.194445)	1900	(CHARWD R 0.603182)
1789	(MAP	1845	(CHARIC R 0.085615)	1901	(CHARHT R 0.430555)
1790	(SELECTFONT D O)	1846	(MAP	1902	(CHARIC R 0.059276)
1791	(SETCHAR O 137)))	1847	(SELECTFONT D O)	1903	(MAP
1792	(CHARACTER O 140	1848	(SETCHAR C g)))	1904	(SELECTFONT D O)
1793	(CHARWD R 0.3682575)	1849	(CHARACTER C h	1905	(SETCHAR C o)))
1794	(CHARHT R 0.694445)	1850	(CHARWD R 0.603182)	1906	(CHARACTER C p
1795	(MAP	1851	(CHARHT R 0.694445)	1907	(CHARWD R 0.603182)
1796	(SELECTFONT D O)	1852	(CHARIC R 0.0860815)	1908	(CHARHT R 0.430555)
1797	(SETCHAR O 140)))	1853	(MAP	1909	(CHARDP R 0.194445)
1798	(CHARACTER C a	1854	(SELECTFONT D O)	1910	(CHARIC R 0.059276)
1799	(CHARWD R 0.603182)	1855	(SETCHAR C h)))	1911	(MAP
1800	(CHARHT R 0.430555)	1856	(CHARACTER C i	1912	(SELECTFONT D O)
1801	(CHARIC R 0.0860815)	1857	(CHARWD R 0.3682575)	1913	(SETCHAR C p)))
1802	(MAP	1858	(CHARHT R 0.656747)	1914	(CHARACTER C q
1803	(SELECTFONT D O)	1859	(CHARIC R 0.088392)	1915	(CHARWD R 0.544451)
1804	(SETCHAR C a)))	1860	(MAP	1916	(CHARHT R 0.430555)
1805	(CHARACTER C b	1861	(SELECTFONT D O)	1917	(CHARDP R 0.194445)
1806	(CHARWD R 0.544451)	1862	(SETCHAR C i)))	1918	(CHARIC R 0.085615)
1807	(CHARHT R 0.694445)	1863	(CHARACTER C j	1919	(MAP
1808	(CHARIC R 0.059276)	1864	(CHARWD R 0.3682575)	1920	(SELECTFONT D O)
1809	(MAP	1865	(CHARHT R 0.656747)	1921	(SETCHAR C q)))
1810	(SELECTFONT D O)	1866	(CHARDP R 0.194445)	1922	(CHARACTER C r
1811	(SETCHAR C b)))	1867	(CHARIC R 0.142161)	1923	(CHARWD R 0.500403)
1812	(CHARACTER C c	1868	(MAP	1924	(CHARHT R 0.430555)
1813	(CHARWD R 0.544451)	1869	(SELECTFONT D O)	1925	(CHARIC R 0.10764)
1814	(CHARHT R 0.430555)	1870	(SETCHAR C j)))	1926	(MAP
1815	(CHARIC R 0.048909)	1871	(CHARACTER C k	1927	(SELECTFONT D O)
1816	(MAP	1872	(CHARWD R 0.544451)	1928	(SETCHAR C r)))
1817	(SELECTFONT D O)	1873	(CHARHT R 0.694445)	1929	(CHARACTER C s
1818	(SETCHAR C c)))	1874	(CHARIC R 0.10764)	1930	(CHARWD R 0.48572)
1819	(CHARACTER C d	1875	(MAP	1931	(CHARHT R 0.430555)
1820	(CHARWD R 0.603182)	1876	(SELECTFONT D O)	1932	(CHARIC R 0.078273)
1821	(CHARHT R 0.694445)	1877	(SETCHAR C k)))	1933	(MAP
1822	(CHARIC R 0.092856)	1878	(CHARACTER C l	1934	(SELECTFONT D O)
1823	(MAP	1879	(CHARWD R 0.309526)	1935	(SETCHAR C s)))
1824	(SELECTFONT D O)	1880	(CHARHT R 0.694445)	1936	(CHARACTER C t
1825	(SETCHAR C d)))	1881	(CHARIC R 0.092856)	1937	(CHARWD R 0.397624)
1826	(CHARACTER C e	1882	(MAP	1938	(CHARHT R 0.61508)
1827	(CHARWD R 0.544451)	1883	(SELECTFONT D O)	1939	(CHARIC R 0.092957)
1828	(CHARHT R 0.430555)	1884	(SETCHAR C l)))	1940	(MAP
1829	(CHARIC R 0.072917)	1885	(CHARACTER C m	1941	(SELECTFONT D O)
1830	(MAP	1886	(CHARWD R 0.955568)	1942	(SETCHAR C t)))
1831	(SELECTFONT D O)	1887	(CHARHT R 0.430555)	1943	(CHARACTER C u



1944	(CHARWD R 0.632548)	1971	(CHARACTER C y	1998	(SELECTFONT D 0)
1945	(CHARHT R 0.430555)	1972	(CHARWD R 0.573817)	1999	(SETCHAR 0 174)))
1946	(CHARIC R 0.0860815)	1973	(CHARHT R 0.430555)	2000	(CHARACTER 0 175
1947	(MAP	1974	(CHARDP R 0.194445)	2001	(CHARWD R 0.603182)
1948	(SELECTFONT D 0)	1975	(CHARIC R 0.085615)	2002	(CHARHT R 0.694445)
1949	(SETCHAR C u)))	1976	(MAP	2003	(CHARIC R 0.1148815)
1950	(CHARACTER C v	1977	(SELECTFONT D 0)	2004	(MAP
1951	(CHARWD R 0.544451)	1978	(SETCHAR C y)))	2005	(SELECTFONT D 0)
1952	(CHARHT R 0.430555)	1979	(CHARACTER C z	2006	(SETCHAR 0 175)))
1953	(CHARIC R 0.10764)	1980	(CHARWD R 0.485723)	2007	(CHARACTER 0 176
1954	(MAP	1981	(CHARHT R 0.430555)	2008	(CHARWD R 0.603182)
1955	(SELECTFONT D 0)	1982	(CHARIC R 0.128474)	2009	(CHARHT R 0.677977)
1956	(SETCHAR C v)))	1983	(MAP	2010	(CHARIC R 0.109426)
1957	(CHARACTER C w	1984	(SELECTFONT D 0)	2011	(MAP
1958	(CHARWD R 0.779375)	1985	(SETCHAR C z)))	2012	(SELECTFONT D 0)
1959	(CHARHT R 0.430555)	1986	(CHARACTER 0 173	2013	(SETCHAR 0 176)))
1960	(CHARIC R 0.10764)	1987	(CHARWD R 0.603182)	2014	(CHARACTER 0 177
1961	(MAP	1988	(CHARHT R 0.430555)	2015	(CHARWD R 0.603182)
1962	(SELECTFONT D 0)	1989	(CHARIC R 0.095891)	2016	(CHARHT R 0.677977)
1963	(SETCHAR C w)))	1990	(MAP	2017	(CHARIC R 0.093552)
1964	(CHARACTER C x	1991	(SELECTFONT D 0)	2018	(MAP
1965	(CHARWD R 0.544454)	1992	(SETCHAR 0 173)))	2019	(SELECTFONT D 0)
1966	(CHARHT R 0.430555)	1993	(CHARACTER 0 174	2020	(SETCHAR 0 177)))
1967	(CHARIC R 0.122323)	1994	(CHARWD R 1.206365)	2021	
1968	(MAP	1995	(CHARHT R 0.430555)	2022	(/cmtiup7vpl)
1969	(SELECTFONT D 0)	1996	(CHARIC R 0.095891)	2023	
1970	(SETCHAR C x)))	1997	(MAP		

## 6.2 File cmtiup8.vpl

2024 (\*cmtiup8vpl)  
2025 (VTITLE cmti8 with unslanted punctuation from cmr8 by SVZ, v.1.2 2001/01/08)

2026	(FAMILY CMTI UNSLPUNCT)	2059	(KRN 0 77 R 0.109722)	2092	(KRN C 6 R 0.082293)
2027	(FACE 0 356)	2060	(KRN 0 41 R 0.109722)	2093	(KRN C 7 R 0.109722)
2028	(CODINGScheme TEX TEXT)	2061	(STOP)	2094	(KRN C 8 R 0.109722)
2029	(DESIGNSIZE R 8.0)	2062	(LABEL 0 55)	2095	(KRN C 9 R 0.109722)
2030	(CHECKSUM 0 4364263220)	2063	(LIG 0 55 0 173)	2096	(KRN 0 43 R 0.109722)
2031	(FONTDIMEN	2064	(STOP)	2097	(KRN 0 45 R 0.082293)
2032	(SLANT R 0.25)	2065	(LABEL 0 173)	2098	(KRN 0 100 R 0.109722)
2033	(SPACE R 0.384029)	2066	(LIG 0 55 0 174)	2099	(KRN 0 52 R 0.082293)
2034	(STRETCH R 0.164583)	2067	(STOP)	2100	(KRN 0 53 R 0.082293)
2035	(SHRINK R 0.109722)	2068	(LABEL 0 41)	2101	(KRN 0 57 R 0.109722)
2036	(XHEIGHT R 0.430555)	2069	(LIG 0 140 0 74)	2102	(KRN 0 74 R 0.109722)
2037	(QUAD R 1.097225)	2070	(STOP)	2103	(KRN 0 76 R 0.109722)
2038	(EXTRASPACE R 0.109722))	2071	(LABEL 0 77)	2104	(STOP)
2039	(MAPFONT D 0	2072	(LIG 0 140 0 76)	2105	(LABEL C F)
2040	(FONTNAME cmti8)	2073	(STOP)	2106	(LABEL C V)
2041	(FONTCHECKSUM 0 4364263220)	2074	(LABEL C d)	2107	(KRN C o R -0.082293)
2042	(FONTAT R 1.0)	2075	(LABEL C l)	2108	(KRN C e R -0.082293)
2043	(FONTSIZE R 8.0))	2076	(LABEL C w)	2109	(KRN C u R -0.082293)
2044	(MAPFONT D 1	2077	(KRN C l R 0.054861)	2110	(KRN C r R -0.082293)
2045	(FONTNAME cmr8)	2078	(KRN 0 72 R 0.082293)	2111	(KRN C a R -0.082293)
2046	(FONTCHECKSUM 0 174366542079)	2079	(KRN 0 73 R 0.082293)	2112	(KRN C A R -0.109722)
2047	(FONTAT R 1.0)	2080	(KRN 0 41 R 0.109722)	2113	(LABEL C K)
2048	(FONTSIZE R 8.0))	2081	(KRN 0 50 R 0.109722)	2114	(LABEL C X)
2049	(LIGTABLE	2082	(KRN 0 51 R 0.109722)	2115	(KRN C 0 R -0.0274315)
2050	(LABEL 0 40)	2083	(KRN 0 135 R 0.109722)	2116	(KRN C C R -0.0274315)
2051	(KRN C l R -0.274307)	2084	(KRN 0 133 R 0.109722)	2117	(KRN C G R -0.0274315)
2052	(KRN C L R -0.343405)	2085	(KRN 0 77 R 0.109722)	2118	(KRN C Q R -0.0274315)
2053	(STOP)	2086	(KRN C 0 R 0.082293)	2119	(KRN 0 72 R 0.082293)
2054	(LABEL 0 140)	2087	(KRN C l R 0.109722)	2120	(KRN 0 73 R 0.082293)
2055	(LIG 0 140 0 134)	2088	(KRN C 2 R 0.109722)	2121	(KRN 0 41 R 0.109722)
2056	(STOP)	2089	(KRN C 3 R 0.109722)	2122	(KRN 0 50 R 0.109722)
2057	(LABEL 0 47)	2090	(KRN C 4 R 0.082293)	2123	(KRN 0 51 R 0.109722)
2058	(LIG 0 47 0 42)	2091	(KRN C 5 R 0.109722)	2124	(KRN 0 135 R 0.109722)

2125	(KRN 0 133 R 0.109722)	2193	(KRN C 0 R 0.082293)	2261	(KRN C v R -0.0274315)
2126	(KRN 0 77 R 0.109722)	2194	(KRN C 1 R 0.109722)	2262	(KRN C w R -0.0274315)
2127	(KRN C 0 R 0.082293)	2195	(KRN C 2 R 0.109722)	2263	(KRN C Q R -0.0274315)
2128	(KRN C 1 R 0.109722)	2196	(KRN C 3 R 0.109722)	2264	(KRN C T R -0.082293)
2129	(KRN C 2 R 0.109722)	2197	(KRN C 4 R 0.082293)	2265	(KRN C Y R -0.082293)
2130	(KRN C 3 R 0.109722)	2198	(KRN C 5 R 0.109722)	2266	(KRN C V R -0.109722)
2131	(KRN C 4 R 0.082293)	2199	(KRN C 6 R 0.082293)	2267	(KRN C W R -0.109722)
2132	(KRN C 5 R 0.109722)	2200	(KRN C 7 R 0.109722)	2268	(KRN C e R -0.054861)
2133	(KRN C 6 R 0.082293)	2201	(KRN C 8 R 0.109722)	2269	(KRN C a R -0.054861)
2134	(KRN C 7 R 0.109722)	2202	(KRN C 9 R 0.109722)	2270	(KRN C o R -0.054861)
2135	(KRN C 8 R 0.109722)	2203	(KRN 0 43 R 0.109722)	2271	(KRN C d R -0.054861)
2136	(KRN C 9 R 0.109722)	2204	(KRN 0 45 R 0.082293)	2272	(KRN C c R -0.054861)
2137	(KRN 0 43 R 0.109722)	2205	(KRN 0 100 R 0.109722)	2273	(KRN C g R -0.054861)
2138	(KRN 0 45 R 0.082293)	2206	(KRN 0 52 R 0.082293)	2274	(KRN C q R -0.054861)
2139	(KRN 0 100 R 0.109722)	2207	(KRN 0 53 R 0.082293)	2275	(KRN 0 72 R 0.054861)
2140	(KRN 0 52 R 0.082293)	2208	(KRN 0 57 R 0.109722)	2276	(KRN 0 73 R 0.054861)
2141	(KRN 0 53 R 0.082293)	2209	(KRN 0 74 R 0.109722)	2277	(KRN 0 41 R 0.054861)
2142	(KRN 0 57 R 0.109722)	2210	(KRN 0 76 R 0.109722)	2278	(KRN 0 50 R 0.054861)
2143	(KRN 0 74 R 0.109722)	2211	(STOP)	2279	(KRN 0 51 R 0.054861)
2144	(KRN 0 76 R 0.109722)	2212	(LABEL C D)	2280	(KRN 0 135 R 0.054861)
2145	(STOP)	2213	(LABEL C O)	2281	(KRN 0 133 R 0.054861)
2146	(LABEL C T)	2214	(KRN C X R -0.0274315)	2282	(KRN 0 77 R 0.054861)
2147	(KRN C y R -0.082293)	2215	(KRN C W R -0.0274315)	2283	(KRN C 0 R 0.054861)
2148	(LABEL C Y)	2216	(KRN C A R -0.0274315)	2284	(KRN C 1 R 0.054861)
2149	(KRN C e R -0.082293)	2217	(KRN C V R -0.0274315)	2285	(KRN C 2 R 0.054861)
2150	(KRN C o R -0.082293)	2218	(KRN C Y R -0.0274315)	2286	(KRN C 3 R 0.054861)
2151	(KRN C r R -0.082293)	2219	(KRN 0 72 R 0.082293)	2287	(KRN C 4 R 0.054861)
2152	(KRN C a R -0.082293)	2220	(KRN 0 73 R 0.082293)	2288	(KRN C 5 R 0.054861)
2153	(KRN C u R -0.082293)	2221	(KRN 0 41 R 0.109722)	2289	(KRN C 6 R 0.054861)
2154	(LABEL C W)	2222	(KRN 0 50 R 0.109722)	2290	(KRN C 7 R 0.054861)
2155	(KRN C A R -0.082293)	2223	(KRN 0 51 R 0.109722)	2291	(KRN C 8 R 0.054861)
2156	(KRN 0 72 R 0.164583)	2224	(KRN 0 135 R 0.109722)	2292	(KRN C 9 R 0.054861)
2157	(KRN 0 73 R 0.164583)	2225	(KRN 0 133 R 0.109722)	2293	(KRN 0 43 R 0.054861)
2158	(KRN 0 41 R 0.164583)	2226	(KRN 0 77 R 0.109722)	2294	(KRN 0 45 R 0.054861)
2159	(KRN 0 50 R 0.164583)	2227	(KRN C 0 R 0.082293)	2295	(KRN 0 100 R 0.054861)
2160	(KRN 0 51 R 0.164583)	2228	(KRN C 1 R 0.109722)	2296	(KRN 0 52 R 0.054861)
2161	(KRN 0 135 R 0.164583)	2229	(KRN C 2 R 0.109722)	2297	(KRN 0 53 R 0.054861)
2162	(KRN 0 133 R 0.164583)	2230	(KRN C 3 R 0.109722)	2298	(KRN 0 57 R 0.054861)
2163	(KRN 0 77 R 0.164583)	2231	(KRN C 4 R 0.082293)	2299	(KRN 0 74 R 0.054861)
2164	(KRN C 0 R 0.164583)	2232	(KRN C 5 R 0.109722)	2300	(KRN 0 76 R 0.054861)
2165	(KRN C 1 R 0.164583)	2233	(KRN C 6 R 0.082293)	2301	(STOP)
2166	(KRN C 2 R 0.164583)	2234	(KRN C 7 R 0.109722)	2302	(LABEL C R)
2167	(KRN C 3 R 0.164583)	2235	(KRN C 8 R 0.109722)	2303	(KRN C n R -0.0274315)
2168	(KRN C 4 R 0.164583)	2236	(KRN C 9 R 0.109722)	2304	(KRN C 1 R -0.0274315)
2169	(KRN C 5 R 0.164583)	2237	(KRN 0 43 R 0.109722)	2305	(KRN C r R -0.0274315)
2170	(KRN C 6 R 0.164583)	2238	(KRN 0 45 R 0.082293)	2306	(KRN C u R -0.0274315)
2171	(KRN C 7 R 0.164583)	2239	(KRN 0 100 R 0.109722)	2307	(KRN C m R -0.0274315)
2172	(KRN C 8 R 0.164583)	2240	(KRN 0 52 R 0.082293)	2308	(KRN C t R -0.0274315)
2173	(KRN C 9 R 0.164583)	2241	(KRN 0 53 R 0.082293)	2309	(KRN C i R -0.0274315)
2174	(KRN 0 43 R 0.164583)	2242	(KRN 0 57 R 0.109722)	2310	(KRN C C R -0.0274315)
2175	(KRN 0 45 R 0.164583)	2243	(KRN 0 74 R 0.109722)	2311	(KRN C 0 R -0.0274315)
2176	(KRN 0 100 R 0.164583)	2244	(KRN 0 76 R 0.109722)	2312	(KRN C G R -0.0274315)
2177	(KRN 0 52 R 0.082293)	2245	(STOP)	2313	(KRN C h R -0.0274315)
2178	(KRN 0 53 R 0.082293)	2246	(LABEL C A)	2314	(KRN C b R -0.0274315)
2179	(KRN 0 57 R 0.164583)	2247	(KRN C n R -0.0274315)	2315	(KRN C U R -0.0274315)
2180	(KRN 0 74 R 0.164583)	2248	(KRN C 1 R -0.0274315)	2316	(KRN C k R -0.0274315)
2181	(KRN 0 76 R 0.164583)	2249	(KRN C r R -0.0274315)	2317	(KRN C v R -0.0274315)
2182	(STOP)	2250	(KRN C u R -0.0274315)	2318	(KRN C w R -0.0274315)
2183	(LABEL C P)	2251	(KRN C m R -0.0274315)	2319	(KRN C Q R -0.0274315)
2184	(KRN C A R -0.082293)	2252	(KRN C t R -0.0274315)	2320	(LABEL C L)
2185	(KRN 0 72 R 0.082293)	2253	(KRN C i R -0.0274315)	2321	(KRN C T R -0.082293)
2186	(KRN 0 73 R 0.082293)	2254	(KRN C C R -0.0274315)	2322	(KRN C Y R -0.082293)
2187	(KRN 0 41 R 0.109722)	2255	(KRN C 0 R -0.0274315)	2323	(KRN C V R -0.109722)
2188	(KRN 0 50 R 0.109722)	2256	(KRN C G R -0.0274315)	2324	(KRN C W R -0.109722)
2189	(KRN 0 51 R 0.109722)	2257	(KRN C h R -0.0274315)	2325	(KRN 0 72 R 0.082293)
2190	(KRN 0 135 R 0.109722)	2258	(KRN C b R -0.0274315)	2326	(KRN 0 73 R 0.082293)
2191	(KRN 0 133 R 0.109722)	2259	(KRN C U R -0.0274315)	2327	(KRN 0 41 R 0.109722)
2192	(KRN 0 77 R 0.109722)	2260	(KRN C k R -0.0274315)	2328	(KRN 0 50 R 0.109722)

2329	(KRN 0 51 R 0.109722)	2397	(KRN 0 76 R 0.054861)	2465	(LABEL C G)
2330	(KRN 0 135 R 0.109722)	2398	(STOP)	2466	(LABEL C Q)
2331	(KRN 0 133 R 0.109722)	2399	(LABEL C n)	2467	(LABEL C S)
2332	(KRN 0 77 R 0.109722)	2400	(KRN 0 47 R -0.109722)	2468	(LABEL C a)
2333	(KRN C 0 R 0.082293)	2401	(KRN 0 72 R 0.082293)	2469	(LABEL C g)
2334	(KRN C 1 R 0.109722)	2402	(KRN 0 73 R 0.082293)	2470	(LABEL C h)
2335	(KRN C 2 R 0.109722)	2403	(KRN 0 41 R 0.109722)	2471	(LABEL C i)
2336	(KRN C 3 R 0.109722)	2404	(KRN 0 50 R 0.109722)	2472	(LABEL C j)
2337	(KRN C 4 R 0.082293)	2405	(KRN 0 51 R 0.109722)	2473	(LABEL C k)
2338	(KRN C 5 R 0.109722)	2406	(KRN 0 135 R 0.109722)	2474	(LABEL C m)
2339	(KRN C 6 R 0.082293)	2407	(KRN 0 133 R 0.109722)	2475	(LABEL C q)
2340	(KRN C 7 R 0.109722)	2408	(KRN 0 77 R 0.109722)	2476	(LABEL C s)
2341	(KRN C 8 R 0.109722)	2409	(KRN C 0 R 0.082293)	2477	(LABEL C t)
2342	(KRN C 9 R 0.109722)	2410	(KRN C 1 R 0.109722)	2478	(LABEL C u)
2343	(KRN 0 43 R 0.109722)	2411	(KRN C 2 R 0.109722)	2479	(LABEL C v)
2344	(KRN 0 45 R 0.082293)	2412	(KRN C 3 R 0.109722)	2480	(LABEL C x)
2345	(KRN 0 100 R 0.109722)	2413	(KRN C 4 R 0.082293)	2481	(LABEL C y)
2346	(KRN 0 52 R 0.082293)	2414	(KRN C 5 R 0.109722)	2482	(LABEL C z)
2347	(KRN 0 53 R 0.082293)	2415	(KRN C 6 R 0.082293)	2483	(KRN 0 72 R 0.082293)
2348	(KRN 0 57 R 0.109722)	2416	(KRN C 7 R 0.109722)	2484	(KRN 0 73 R 0.082293)
2349	(KRN 0 74 R 0.109722)	2417	(KRN C 8 R 0.109722)	2485	(KRN 0 41 R 0.109722)
2350	(KRN 0 76 R 0.109722)	2418	(KRN C 9 R 0.109722)	2486	(KRN 0 50 R 0.109722)
2351	(KRN C e R -0.054861)	2419	(KRN 0 43 R 0.109722)	2487	(KRN 0 51 R 0.109722)
2352	(KRN C a R -0.054861)	2420	(KRN 0 45 R 0.082293)	2488	(KRN 0 135 R 0.109722)
2353	(KRN C o R -0.054861)	2421	(KRN 0 100 R 0.109722)	2489	(KRN 0 133 R 0.109722)
2354	(KRN C d R -0.054861)	2422	(KRN 0 52 R 0.082293)	2490	(KRN 0 77 R 0.109722)
2355	(KRN C c R -0.054861)	2423	(KRN 0 53 R 0.082293)	2491	(KRN C 0 R 0.082293)
2356	(KRN C g R -0.054861)	2424	(KRN 0 57 R 0.109722)	2492	(KRN C 1 R 0.109722)
2357	(KRN C q R -0.054861)	2425	(KRN 0 74 R 0.109722)	2493	(KRN C 2 R 0.109722)
2358	(STOP)	2426	(KRN 0 76 R 0.109722)	2494	(KRN C 3 R 0.109722)
2359	(LABEL C b)	2427	(STOP)	2495	(KRN C 4 R 0.082293)
2360	(LABEL C c)	2428	(LABEL C H)	2496	(KRN C 5 R 0.109722)
2361	(LABEL C e)	2429	(LABEL C I)	2497	(KRN C 6 R 0.082293)
2362	(LABEL C o)	2430	(LABEL C J)	2498	(KRN C 7 R 0.109722)
2363	(LABEL C p)	2431	(LABEL C M)	2499	(KRN C 8 R 0.109722)
2364	(LABEL C r)	2432	(LABEL C N)	2500	(KRN C 9 R 0.109722)
2365	(KRN C e R -0.054861)	2433	(LABEL C U)	2501	(KRN 0 43 R 0.109722)
2366	(KRN C a R -0.054861)	2434	(LABEL C Z)	2502	(KRN 0 45 R 0.082293)
2367	(KRN C o R -0.054861)	2435	(KRN 0 72 R 0.164583)	2503	(KRN 0 100 R 0.109722)
2368	(KRN C d R -0.054861)	2436	(KRN 0 73 R 0.164583)	2504	(KRN 0 52 R 0.082293)
2369	(KRN C c R -0.054861)	2437	(KRN 0 41 R 0.164583)	2505	(KRN 0 53 R 0.082293)
2370	(KRN C g R -0.054861)	2438	(KRN 0 50 R 0.164583)	2506	(KRN 0 57 R 0.109722)
2371	(KRN C q R -0.054861)	2439	(KRN 0 51 R 0.164583)	2507	(KRN 0 74 R 0.109722)
2372	(KRN 0 72 R 0.054861)	2440	(KRN 0 135 R 0.164583)	2508	(KRN 0 76 R 0.109722)
2373	(KRN 0 73 R 0.054861)	2441	(KRN 0 133 R 0.164583)	2509	(STOP)
2374	(KRN 0 41 R 0.054861)	2442	(KRN 0 77 R 0.164583)	2510	(LABEL C f)
2375	(KRN 0 50 R 0.054861)	2443	(KRN C 0 R 0.164583)	2511	(LIG C i 0 14)
2376	(KRN 0 51 R 0.054861)	2444	(KRN C 1 R 0.164583)	2512	(LIG C f 0 13)
2377	(KRN 0 135 R 0.054861)	2445	(KRN C 2 R 0.164583)	2513	(LIG C l 0 15)
2378	(KRN 0 133 R 0.054861)	2446	(KRN C 3 R 0.164583)	2514	(KRN 0 47 R 0.109722)
2379	(KRN 0 77 R 0.054861)	2447	(KRN C 4 R 0.164583)	2515	(KRN 0 72 R 0.164583)
2380	(KRN C 0 R 0.054861)	2448	(KRN C 5 R 0.164583)	2516	(KRN 0 73 R 0.164583)
2381	(KRN C 1 R 0.054861)	2449	(KRN C 6 R 0.164583)	2517	(KRN 0 41 R 0.164583)
2382	(KRN C 2 R 0.054861)	2450	(KRN C 7 R 0.164583)	2518	(KRN 0 50 R 0.164583)
2383	(KRN C 3 R 0.054861)	2451	(KRN C 8 R 0.164583)	2519	(KRN 0 51 R 0.164583)
2384	(KRN C 4 R 0.054861)	2452	(KRN C 9 R 0.164583)	2520	(KRN 0 135 R 0.164583)
2385	(KRN C 5 R 0.054861)	2453	(KRN 0 43 R 0.164583)	2521	(KRN 0 133 R 0.164583)
2386	(KRN C 6 R 0.054861)	2454	(KRN 0 45 R 0.164583)	2522	(KRN 0 77 R 0.164583)
2387	(KRN C 7 R 0.054861)	2455	(KRN 0 100 R 0.164583)	2523	(KRN C 0 R 0.164583)
2388	(KRN C 8 R 0.054861)	2456	(KRN 0 52 R 0.082293)	2524	(KRN C 1 R 0.164583)
2389	(KRN C 9 R 0.054861)	2457	(KRN 0 53 R 0.082293)	2525	(KRN C 2 R 0.164583)
2390	(KRN 0 43 R 0.054861)	2458	(KRN 0 57 R 0.164583)	2526	(KRN C 3 R 0.164583)
2391	(KRN 0 45 R 0.054861)	2459	(KRN 0 74 R 0.164583)	2527	(KRN C 4 R 0.164583)
2392	(KRN 0 100 R 0.054861)	2460	(KRN 0 76 R 0.164583)	2528	(KRN C 5 R 0.164583)
2393	(KRN 0 52 R 0.054861)	2461	(STOP)	2529	(KRN C 6 R 0.164583)
2394	(KRN 0 53 R 0.054861)	2462	(LABEL C B)	2530	(KRN C 7 R 0.164583)
2395	(KRN 0 57 R 0.054861)	2463	(LABEL C C)	2531	(KRN C 8 R 0.164583)
2396	(KRN 0 74 R 0.054861)	2464	(LABEL C E)	2532	(KRN C 9 R 0.164583)

2533	(KRN 0 43 R 0.164583)	2601	(CHARHT R 0.683332)	2669	(MAP
2534	(KRN 0 45 R 0.164583)	2602	(CHARIC R 0.151632)	2670	(SELECTFONT D 0)
2535	(KRN 0 100 R 0.164583)	2603	(MAP	2671	(SETCHAR 0 15)))
2536	(KRN 0 52 R 0.082293)	2604	(SELECTFONT D 0)	2672	(CHARACTER 0 16
2537	(KRN 0 53 R 0.082293)	2605	(SETCHAR 0 4)))	2673	(CHARWD R 0.946362)
2538	(KRN 0 57 R 0.164583)	2606	(CHARACTER 0 5	2674	(CHARHT R 0.694445)
2539	(KRN 0 74 R 0.164583)	2607	(CHARWD R 0.79653)	2675	(CHARDP R 0.194445)
2540	(KRN 0 76 R 0.164583)	2608	(CHARHT R 0.683332)	2676	(CHARIC R 0.098612)
2541	(STOP)	2609	(CHARIC R 0.153992)	2677	(MAP
2542	(LABEL 0 13)	2610	(MAP	2678	(SELECTFONT D 0)
2543	(LIG C i 0 16)	2611	(SELECTFONT D 0)	2679	(SETCHAR 0 16)))
2544	(LIG C l 0 17)	2612	(SETCHAR 0 5)))	2680	(CHARACTER 0 17
2545	(KRN 0 47 R 0.109722)	2613	(CHARACTER 0 6	2681	(CHARWD R 0.960077)
2546	(KRN 0 72 R 0.164583)	2614	(CHARWD R 0.768057)	2682	(CHARHT R 0.694445)
2547	(KRN 0 73 R 0.164583)	2615	(CHARHT R 0.683332)	2683	(CHARDP R 0.194445)
2548	(KRN 0 41 R 0.164583)	2616	(CHARIC R 0.115971)	2684	(CHARIC R 0.098612)
2549	(KRN 0 50 R 0.164583)	2617	(MAP	2685	(MAP
2550	(KRN 0 51 R 0.164583)	2618	(SELECTFONT D 0)	2686	(SELECTFONT D 0)
2551	(KRN 0 135 R 0.164583)	2619	(SETCHAR 0 6)))	2687	(SETCHAR 0 17)))
2552	(KRN 0 133 R 0.164583)	2620	(CHARACTER 0 7	2688	(CHARACTER 0 20
2553	(KRN 0 77 R 0.164583)	2621	(CHARWD R 0.822918)	2689	(CHARWD R 0.329168)
2554	(KRN C 0 R 0.164583)	2622	(CHARHT R 0.683332)	2690	(CHARHT R 0.430555)
2555	(KRN C 1 R 0.164583)	2623	(CHARIC R 0.109236)	2691	(CHARIC R 0.082409)
2556	(KRN C 2 R 0.164583)	2624	(MAP	2692	(MAP
2557	(KRN C 3 R 0.164583)	2625	(SELECTFONT D 0)	2693	(SELECTFONT D 0)
2558	(KRN C 4 R 0.164583)	2626	(SETCHAR 0 7)))	2694	(SETCHAR 0 20)))
2559	(KRN C 5 R 0.164583)	2627	(CHARACTER 0 10	2695	(CHARACTER 0 21
2560	(KRN C 6 R 0.164583)	2628	(CHARWD R 0.768057)	2696	(CHARWD R 0.3566)
2561	(KRN C 7 R 0.164583)	2629	(CHARHT R 0.683332)	2697	(CHARHT R 0.430555)
2562	(KRN C 8 R 0.164583)	2630	(CHARIC R 0.057985)	2698	(CHARDP R 0.194445)
2563	(KRN C 9 R 0.164583)	2631	(MAP	2699	(CHARIC R 0.03264)
2564	(KRN 0 43 R 0.164583)	2632	(SELECTFONT D 0)	2700	(MAP
2565	(KRN 0 45 R 0.164583)	2633	(SETCHAR 0 10)))	2701	(SELECTFONT D 0)
2566	(KRN 0 100 R 0.164583)	2634	(CHARACTER 0 11	2702	(SETCHAR 0 21)))
2567	(KRN 0 52 R 0.082293)	2635	(CHARWD R 0.822918)	2703	(CHARACTER 0 22
2568	(KRN 0 53 R 0.082293)	2636	(CHARHT R 0.683332)	2704	(CHARWD R 0.548613)
2569	(KRN 0 57 R 0.164583)	2637	(CHARIC R 0.109236)	2705	(CHARHT R 0.694445)
2570	(KRN 0 74 R 0.164583)	2638	(MAP	2706	(MAP
2571	(KRN 0 76 R 0.164583)	2639	(SELECTFONT D 0)	2707	(SELECTFONT D 0)
2572	(STOP))	2640	(SETCHAR 0 11)))	2708	(SETCHAR 0 22)))
2573	(CHARACTER 0 0	2641	(CHARACTER 0 12	2709	(CHARACTER 0 23
2574	(CHARWD R 0.672571)	2642	(CHARWD R 0.768057)	2710	(CHARWD R 0.548613)
2575	(CHARHT R 0.683332)	2643	(CHARHT R 0.683332)	2711	(CHARHT R 0.694445)
2576	(CHARIC R 0.129686)	2644	(CHARIC R 0.100693)	2712	(CHARIC R 0.091318)
2577	(MAP	2645	(MAP	2713	(MAP
2578	(SELECTFONT D 0)	2646	(SELECTFONT D 0)	2714	(SELECTFONT D 0)
2579	(SETCHAR 0 0)))	2647	(SETCHAR 0 12)))	2715	(SETCHAR 0 23)))
2580	(CHARACTER 0 1	2648	(CHARACTER 0 13	2716	(CHARACTER 0 24
2581	(CHARWD R 0.877779)	2649	(CHARWD R 0.658339)	2717	(CHARWD R 0.548613)
2582	(CHARHT R 0.683332)	2650	(CHARHT R 0.694445)	2718	(CHARHT R 0.628473)
2583	(MAP	2651	(CHARDP R 0.194445)	2719	(CHARIC R 0.08021)
2584	(SELECTFONT D 0)	2652	(CHARIC R 0.214756)	2720	(MAP
2585	(SETCHAR 0 1)))	2653	(MAP	2721	(SELECTFONT D 0)
2586	(CHARACTER 0 2	2654	(SELECTFONT D 0)	2722	(SETCHAR 0 24)))
2587	(CHARWD R 0.822918)	2655	(SETCHAR 0 13)))	2723	(CHARACTER 0 25
2588	(CHARHT R 0.683332)	2656	(CHARACTER 0 14	2724	(CHARWD R 0.548613)
2589	(CHARIC R 0.092152)	2657	(CHARWD R 0.603479)	2725	(CHARHT R 0.694445)
2590	(MAP	2658	(CHARHT R 0.694445)	2726	(CHARIC R 0.105207)
2591	(SELECTFONT D 0)	2659	(CHARDP R 0.194445)	2727	(MAP
2592	(SETCHAR 0 2)))	2660	(CHARIC R 0.098612)	2728	(SELECTFONT D 0)
2593	(CHARACTER 0 3	2661	(MAP	2729	(SETCHAR 0 25)))
2594	(CHARWD R 0.741669)	2662	(SELECTFONT D 0)	2730	(CHARACTER 0 26
2595	(CHARHT R 0.683332)	2663	(SETCHAR 0 14)))	2731	(CHARWD R 0.548613)
2596	(MAP	2664	(CHARACTER 0 15	2732	(CHARHT R 0.575693)
2597	(SELECTFONT D 0)	2665	(CHARWD R 0.630909)	2733	(CHARIC R 0.10191)
2598	(SETCHAR 0 3)))	2666	(CHARHT R 0.694445)	2734	(MAP
2599	(CHARACTER 0 4	2667	(CHARDP R 0.194445)	2735	(SELECTFONT D 0)
2600	(CHARWD R 0.713196)	2668	(CHARIC R 0.098612)	2736	(SETCHAR 0 26)))

2737 (CHARACTER O 27	2763 (SETCHAR O 32)))	2789 (CHARIC R 0.115971)
2738 (CHARWD R 0.884493)	2764 (CHARACTER O 33	2790 (MAP
2739 (CHARHT R 0.694445)	2765 (CHARWD R 0.768057)	2791 (SELECTFONT D 0)
2740 (MAP	2766 (CHARHT R 0.430555)	2792 (SETCHAR O 36)))
2741 (SELECTFONT D 0)	2767 (CHARIC R 0.075001)	2793 (CHARACTER O 37
2742 (SETCHAR O 27)))	2768 (MAP	2794 (CHARWD R 0.822918)
2743 (CHARACTER O 30	2769 (SELECTFONT D 0)	2795 (CHARHT R 0.731943)
2744 (CHARWD R 0.493752)	2770 (SETCHAR O 33)))	2796 (CHARDP R 0.048611)
2745 (CHARDP R 0.170139)	2771 (CHARACTER O 34	2797 (CHARIC R 0.092152)
2746 (MAP	2772 (CHARWD R 0.548613)	2798 (MAP
2747 (SELECTFONT D 0)	2773 (CHARHT R 0.527779)	2799 (SELECTFONT D 0)
2748 (SETCHAR O 30)))	2774 (CHARDP R 0.097223)	2800 (SETCHAR O 37)))
2749 (CHARACTER O 31	2775 (CHARIC R 0.090973)	2801 (CHARACTER O 40
2750 (CHARWD R 0.576046)	2776 (MAP	2802 (CHARWD R 0.274307)
2751 (CHARHT R 0.694445)	2777 (SELECTFONT D 0)	2803 (CHARHT R 0.430555)
2752 (CHARDP R 0.194445)	2778 (SETCHAR O 34)))	2804 (MAP
2753 (CHARIC R 0.101389)	2779 (CHARACTER O 35	2805 (SELECTFONT D 0)
2754 (MAP	2780 (CHARWD R 0.946877)	2806 (SETCHAR O 40)))
2755 (SELECTFONT D 0)	2781 (CHARHT R 0.683332)	2807 (CHARACTER O 41
2756 (SETCHAR O 31)))	2782 (CHARIC R 0.115971)	2808 (CHARWD R 0.329168)
2757 (CHARACTER O 32	2783 (MAP	2809 (CHARHT R 0.694445)
2758 (CHARWD R 0.768057)	2784 (SELECTFONT D 0)	2810 (MAP
2759 (CHARHT R 0.430555)	2785 (SETCHAR O 35)))	2811 (SELECTFONT D 1)
2760 (CHARIC R 0.075001)	2786 (CHARACTER O 36	2812 (MOVERIGHT R 0.01701250)
2761 (MAP	2787 (CHARWD R 1.056599)	2813
2762 (SELECTFONT D 0)	2788 (CHARHT R 0.683332)	

The character “!” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

2814 (SETCHAR O 41)	2820 (MAP	2826 (CHARDP R 0.194443)
2815 (MOVERIGHT R 0.01701250))	2821 (SELECTFONT D 0)	2827 (MAP
2816 (CHARACTER O 42	2822 (SETCHAR O 42)))	2828 (SELECTFONT D 1)
2817 (CHARWD R 0.550001)	2823 (CHARACTER O 43	2829 (MOVELEFT R 0.00382500)
2818 (CHARHT R 0.694445)	2824 (CHARWD R 0.877779)	2830
2819 (CHARIC R 0.059792)	2825 (CHARHT R 0.694445)	

The character “#” width (7.08343pt from cmr8) has been adjusted by decreasing interletter space on 0.03060pt to match its width in cmtiup8

2831 (SETCHAR O 43)	2837 (SELECTFONT D 0)	2843 (MAP
2832 (MOVELEFT R 0.00382500))	2838 (SETCHAR O 44)))	2844 (SELECTFONT D 1)
2833 (CHARACTER O 44	2839 (CHARACTER O 45	2845 (MOVELEFT R 0.00382500)
2834 (CHARWD R 0.815973)	2840 (CHARWD R 0.877779)	2846
2835 (CHARHT R 0.694445)	2841 (CHARHT R 0.75)	
2836 (MAP	2842 (CHARDP R 0.055555)	

The character “%” width (7.08343pt from cmr8) has been adjusted by decreasing interletter space on 0.03060pt to match its width in cmtiup8

2847 (SETCHAR O 45)	2855 (SETCHAR O 46)))	2863 (CHARWD R 0.43889)
2848 (MOVELEFT R 0.00382500))	2856 (CHARACTER O 47	2864 (CHARHT R 0.75)
2849 (CHARACTER O 46	2857 (CHARWD R 0.329168)	2865 (CHARDP R 0.25)
2850 (CHARWD R 0.822918)	2858 (CHARHT R 0.694445)	2866 (MAP
2851 (CHARHT R 0.694445)	2859 (MAP	2867 (SELECTFONT D 1)
2852 (CHARIC R 0.091318)	2860 (SELECTFONT D 0)	2868 (MOVERIGHT R 0.01284500)
2853 (MAP	2861 (SETCHAR O 47)))	2869
2854 (SELECTFONT D 0)	2862 (CHARACTER O 50	

The character “(” width (3.30560pt from cmr8) has been adjusted by increasing interletter space on 0.10276pt to match its width in cmtiup8

2870	(SETCHAR O 50)	2874	(CHARHT R 0.75)	2878	(MOVERIGHT R 0.01284500)
2871	(MOVERIGHT R 0.01284500))	(CHARDP R 0.25)	2879		
2872	(CHARACTER O 51	2876	(MAP		
2873	(CHARWD R 0.43889)	2877	(SELECTFONT D 1)		

The character “)” width (3.30560pt from **cmr8**) has been adjusted by increasing interletter space on 0.10276pt to match its width in **cmtiup8**

2880	(SETCHAR O 51)	2883	(CHARWD R 0.548613)	2886	(SELECTFONT D 1)
2881	(MOVERIGHT R 0.01284500))	(CHARHT R 0.75)	2887	(MOVERIGHT R 0.00867750)	
2882	(CHARACTER O 52	2885	(MAP	2888	

The character “\*” width (4.25006pt from **cmr8**) has been adjusted by increasing interletter space on 0.06942pt to match its width in **cmtiup8**

2889	(SETCHAR O 52)	2893	(CHARHT R 0.575693)	2897	(MOVELEFT R 0.00174150)
2890	(MOVERIGHT R 0.00867750))	(CHARDP R 0.079166)	2898		
2891	(CHARACTER O 53	2895	(MAP		
2892	(CHARWD R 0.822918)	2896	(SELECTFONT D 1)		

The character “+” width (6.61121pt from **cmr8**) has been adjusted by decreasing interletter space on 0.01393pt to match its width in **cmtiup8**

2899	(SETCHAR O 53)	2903	(CHARHT R 0.111111)	2907	(MOVERIGHT R 0.01701250)
2900	(MOVELEFT R 0.00174150))	(CHARDP R 0.194445)	2908		
2901	(CHARACTER O 54	2905	(MAP		
2902	(CHARWD R 0.329168)	2906	(SELECTFONT D 1)		

The character “,” width (2.36114pt from **cmr8**) has been adjusted by increasing interletter space on 0.13610pt to match its width in **cmtiup8**

2909	(SETCHAR O 54)	2915	(MAP	2921	(MAP
2910	(MOVERIGHT R 0.01701250))	(SELECTFONT D 0)	2922	(SELECTFONT D 1)	
2911	(CHARACTER O 55	2917	(SETCHAR O 55))	2923	(MOVERIGHT R 0.01701250)
2912	(CHARWD R 0.384029)	2918	(CHARACTER O 56	2924	
2913	(CHARHT R 0.430555)	2919	(CHARWD R 0.329168)		
2914	(CHARIC R 0.026388)	2920	(CHARHT R 0.111111)		

The character “.” width (2.36114pt from **cmr8**) has been adjusted by increasing interletter space on 0.13610pt to match its width in **cmtiup8**

2925	(SETCHAR O 56)	2929	(CHARHT R 0.75)	2933	(MOVERIGHT R 0.00867750)
2926	(MOVERIGHT R 0.01701250))	(CHARDP R 0.25)	2934		
2927	(CHARACTER O 57	2931	(MAP		
2928	(CHARWD R 0.548613)	2932	(SELECTFONT D 1)		

The character “/” width (4.25006pt from **cmr8**) has been adjusted by increasing interletter space on 0.06942pt to match its width in **cmtiup8**

2935	(SETCHAR O 57)	2938	(CHARWD R 0.548613)	2941	(SELECTFONT D 1)
2936	(MOVERIGHT R 0.00867750))	(CHARHT R 0.644445)	2942	(MOVERIGHT R 0.00867750)	
2937	(CHARACTER C 0	2940	(MAP	2943	

The character “0” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2944	(SETCHAR C 0)	2947	(CHARWD R 0.548613)	2950	(SELECTFONT D 1)
2945	(MOVERIGHT R 0.00867303))	2948	(CHARHT R 0.644445)	2951	(MOVERIGHT R 0.00867750)
2946	(CHARACTER C 1	2949	(MAP	2952	

The character “1” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2953	(SETCHAR C 1)	2956	(CHARWD R 0.548613)	2959	(SELECTFONT D 1)
2954	(MOVERIGHT R 0.00867303))	2957	(CHARHT R 0.644445)	2960	(MOVERIGHT R 0.00867750)
2955	(CHARACTER C 2	2958	(MAP	2961	

The character “2” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2962	(SETCHAR C 2)	2965	(CHARWD R 0.548613)	2968	(SELECTFONT D 1)
2963	(MOVERIGHT R 0.00867303))	2966	(CHARHT R 0.644445)	2969	(MOVERIGHT R 0.00867750)
2964	(CHARACTER C 3	2967	(MAP	2970	

The character “3” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2971	(SETCHAR C 3)	2974	(CHARWD R 0.548613)	2977	(SELECTFONT D 1)
2972	(MOVERIGHT R 0.00867303))	2975	(CHARHT R 0.644445)	2978	(MOVERIGHT R 0.00867750)
2973	(CHARACTER C 4	2976	(MAP	2979	

The character “4” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2980	(SETCHAR C 4)	2983	(CHARWD R 0.548613)	2986	(SELECTFONT D 1)
2981	(MOVERIGHT R 0.00867303))	2984	(CHARHT R 0.644445)	2987	(MOVERIGHT R 0.00867750)
2982	(CHARACTER C 5	2985	(MAP	2988	

The character “5” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2989	(SETCHAR C 5)	2992	(CHARWD R 0.548613)	2995	(SELECTFONT D 1)
2990	(MOVERIGHT R 0.00867303))	2991	(CHARHT R 0.644445)	2996	(MOVERIGHT R 0.00867750)
2991	(CHARACTER C 6	2994	(MAP	2997	

The character “6” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

2998	(SETCHAR C 6)	3001	(CHARWD R 0.548613)	3004	(SELECTFONT D 1)
2999	(MOVERIGHT R 0.00867303))	3002	(CHARHT R 0.644445)	3005	(MOVERIGHT R 0.00867750)
3000	(CHARACTER C 7	3003	(MAP	3006	

The character “7” width (4.25006pt from `cmr8`) has been adjusted by increasing interletter space on 0.06942pt to match its width in `cmtiup8`

3007	(SETCHAR C 7)	3010	(CHARWD R 0.548613)	3013	(SELECTFONT D 1)
3008	(MOVERIGHT R 0.008677501))		(CHARHT R 0.644445)	3014	(MOVERIGHT R 0.00867750)
3009	(CHARACTER C 8	3012	(MAP	3015	

The character “8” width (4.25006pt from cmr8) has been adjusted by increasing interletter space on 0.06942pt to match its width in cmtiup8

3016	(SETCHAR C 8)	3019	(CHARWD R 0.548613)	3022	(SELECTFONT D 1)
3017	(MOVERIGHT R 0.008677500))		(CHARHT R 0.644445)	3023	(MOVERIGHT R 0.00867750)
3018	(CHARACTER C 9	3021	(MAP	3024	

The character “9” width (4.25006pt from cmr8) has been adjusted by increasing interletter space on 0.06942pt to match its width in cmtiup8

3025	(SETCHAR C 9)	3028	(CHARWD R 0.329168)	3031	(SELECTFONT D 1)
3026	(MOVERIGHT R 0.008677509))		(CHARHT R 0.430555)	3032	(MOVERIGHT R 0.01701250)
3027	(CHARACTER O 72	3030	(MAP	3033	

The character “.” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

3034	(SETCHAR O 72)	3038	(CHARHT R 0.430555)	3042	(MOVERIGHT R 0.01701250)
3035	(MOVERIGHT R 0.017012509))		(CHARDP R 0.194445)	3043	
3036	(CHARACTER O 73	3040	(MAP		
3037	(CHARWD R 0.329168)	3041	(SELECTFONT D 1)		

The character “;” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

3044	(SETCHAR O 73)	3048	(CHARHT R 0.5)	3052	(MOVERIGHT R 0.01701250)
3045	(MOVERIGHT R 0.017012509))		(CHARDP R 0.194445)	3053	
3046	(CHARACTER O 74	3050	(MAP		
3047	(CHARWD R 0.329168)	3051	(SELECTFONT D 1)		

The character “i” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

3054	(SETCHAR O 74)	3058	(CHARHT R 0.377987)	3062	(MOVELEFT R 0.00174150)
3055	(MOVERIGHT R 0.017012509))		(CHARDP R -0.122013)	3063	
3056	(CHARACTER O 75	3060	(MAP		
3057	(CHARWD R 0.822918)	3061	(SELECTFONT D 1)		

The character “=” width (6.61121pt from cmr8) has been adjusted by decreasing interletter space on 0.01393pt to match its width in cmtiup8

3064	(SETCHAR O 75)	3068	(CHARHT R 0.5)	3072	(MOVERIGHT R 0.02343500)
3065	(MOVELEFT R 0.0017415009))		(CHARDP R 0.194445)	3073	
3066	(CHARACTER O 76	3070	(MAP		
3067	(CHARWD R 0.548613)	3071	(SELECTFONT D 1)		

The character “j” width (4.01394pt from cmr8) has been adjusted by increasing interletter space on 0.18748pt to match its width in cmtiup8



3074	(SETCHAR O 76)	3077	(CHARWD R 0.548613)	3080	(SELECTFONT D 1)
3075	(MOVELEFT R 0.023435008))	3078	(CHARHT R 0.694445)	3081	(MOVELEFT R 0.02343500)
3076	(CHARACTER O 77	3079	(MAP	3082	

The character “?” width (4.01394pt from cmr8) has been adjusted by increasing interletter space on 0.18748pt to match its width in cmtiup8

3083	(SETCHAR O 77)	3086	(CHARWD R 0.822918)	3089	(SELECTFONT D 1)
3084	(MOVELEFT R 0.023435007))	3087	(CHARHT R 0.694445)	3090	(MOVELEFT R 0.00174150)
3085	(CHARACTER O 100	3088	(MAP	3091	

The character “@” width (6.61121pt from cmr8) has been adjusted by decreasing interletter space on 0.01393pt to match its width in cmtiup8

3092	(SETCHAR O 100)	3141	(SETCHAR C G)))	3190	(CHARACTER C O
3093	(MOVELEFT R 0.001741501))	3142	(CHARACTER C H	3191	(CHARWD R 0.822918)
3094	(CHARACTER C A	3143	(CHARWD R 0.79653)	3192	(CHARHT R 0.683332)
3095	(CHARWD R 0.79653)	3144	(CHARHT R 0.683332)	3193	(CHARIC R 0.092152)
3096	(CHARHT R 0.683332)	3145	(CHARIC R 0.153992)	3194	(MAP
3097	(MAP	3146	(MAP	3195	(SELECTFONT D 0)
3098	(SELECTFONT D 0)	3147	(SELECTFONT D 0)	3196	(SETCHAR C O)))
3099	(SETCHAR C A)))	3148	(SETCHAR C H)))	3197	(CHARACTER C P
3100	(CHARACTER C B	3149	(CHARACTER C I	3198	(CHARWD R 0.727432)
3101	(CHARWD R 0.754864)	3150	(CHARWD R 0.412502)	3199	(CHARHT R 0.683332)
3102	(CHARHT R 0.683332)	3151	(CHARHT R 0.683332)	3200	(CHARIC R 0.100693)
3103	(CHARIC R 0.100693)	3152	(CHARIC R 0.157118)	3201	(MAP
3104	(MAP	3153	(MAP	3202	(SELECTFONT D 0)
3105	(SELECTFONT D 0)	3154	(SELECTFONT D 0)	3203	(SETCHAR C P)))
3106	(SETCHAR C B)))	3155	(SETCHAR C I)))	3204	(CHARACTER C Q
3107	(CHARACTER C C	3156	(CHARACTER C J	3205	(CHARWD R 0.822918)
3108	(CHARWD R 0.768057)	3157	(CHARWD R 0.562849)	3206	(CHARHT R 0.683332)
3109	(CHARHT R 0.683332)	3158	(CHARHT R 0.683332)	3207	(CHARDP R 0.194445)
3110	(CHARIC R 0.143402)	3159	(CHARIC R 0.130554)	3208	(CHARIC R 0.092152)
3111	(MAP	3160	(MAP	3209	(MAP
3112	(SELECTFONT D 0)	3161	(SELECTFONT D 0)	3210	(SELECTFONT D 0)
3113	(SETCHAR C C)))	3162	(SETCHAR C J)))	3211	(SETCHAR C Q)))
3114	(CHARACTER C D	3163	(CHARACTER C K	3212	(CHARACTER C R
3115	(CHARWD R 0.809725)	3164	(CHARWD R 0.823961)	3213	(CHARWD R 0.782293)
3116	(CHARHT R 0.683332)	3165	(CHARHT R 0.683332)	3214	(CHARHT R 0.683332)
3117	(CHARIC R 0.092152)	3166	(CHARIC R 0.143402)	3215	(CHARIC R 0.032118)
3118	(MAP	3167	(MAP	3216	(MAP
3119	(SELECTFONT D 0)	3168	(SELECTFONT D 0)	3217	(SELECTFONT D 0)
3120	(SETCHAR C D)))	3169	(SETCHAR C K)))	3218	(SETCHAR C R)))
3121	(CHARACTER C E	3170	(CHARACTER C L	3219	(CHARACTER C S
3122	(CHARWD R 0.727432)	3171	(CHARWD R 0.672571)	3220	(CHARWD R 0.603474)
3123	(CHARHT R 0.683332)	3172	(CHARHT R 0.683332)	3221	(CHARHT R 0.683332)
3124	(CHARIC R 0.115971)	3173	(MAP	3222	(CHARIC R 0.1159725)
3125	(MAP	3174	(SELECTFONT D 0)	3223	(MAP
3126	(SELECTFONT D 0)	3175	(SETCHAR C L)))	3224	(SELECTFONT D 0)
3127	(SETCHAR C E)))	3176	(CHARACTER C M	3225	(SETCHAR C S)))
3128	(CHARACTER C F	3177	(CHARWD R 0.961113)	3226	(CHARACTER C T
3129	(CHARWD R 0.700003)	3178	(CHARHT R 0.683332)	3227	(CHARWD R 0.768057)
3130	(CHARHT R 0.683332)	3179	(CHARIC R 0.153992)	3228	(CHARHT R 0.683332)
3131	(CHARIC R 0.129686)	3180	(MAP	3229	(CHARIC R 0.129686)
3132	(MAP	3181	(SELECTFONT D 0)	3230	(MAP
3133	(SELECTFONT D 0)	3182	(SETCHAR C M)))	3231	(SELECTFONT D 0)
3134	(SETCHAR C F)))	3183	(CHARACTER C N	3232	(SETCHAR C T)))
3135	(CHARACTER C G	3184	(CHARWD R 0.79653)	3233	(CHARACTER C U
3136	(CHARWD R 0.830036)	3185	(CHARHT R 0.683332)	3234	(CHARWD R 0.79653)
3137	(CHARHT R 0.683332)	3186	(CHARIC R 0.153992)	3235	(CHARHT R 0.683332)
3138	(CHARIC R 0.081423)	3187	(MAP	3236	(CHARIC R 0.153992)
3139	(MAP	3188	(SELECTFONT D 0)	3237	(MAP
3140	(SELECTFONT D 0)	3189	(SETCHAR C N)))	3238	(SELECTFONT D 0)

3239	(SETCHAR C U)))	3254	(CHARACTER C X	3269	(CHARWD R 0.658335)
3240	(CHARACTER C V	3255	(CHARWD R 0.79653)	3270	(CHARHT R 0.683332)
3241	(CHARWD R 0.79653)	3256	(CHARHT R 0.683332)	3271	(CHARIC R 0.143402)
3242	(CHARHT R 0.683332)	3257	(CHARIC R 0.157118)	3272	(MAP
3243	(CHARIC R 0.184549)	3258	(MAP	3273	(SELECTFONT D 0)
3244	(MAP	3259	(SELECTFONT D 0)	3274	(SETCHAR C Z)))
3245	(SELECTFONT D 0)	3260	(SETCHAR C X)))	3275	(CHARACTER O 133
3246	(SETCHAR C V)))	3261	(CHARACTER C Y	3276	(CHARWD R 0.329168)
3247	(CHARACTER C W	3262	(CHARWD R 0.79653)	3277	(CHARHT R 0.75)
3248	(CHARWD R 1.070835)	3263	(CHARHT R 0.683332)	3278	(CHARDP R 0.25)
3249	(CHARHT R 0.683332)	3264	(CHARIC R 0.19552)	3279	(MAP
3250	(CHARIC R 0.184549)	3265	(MAP	3280	(SELECTFONT D 1)
3251	(MAP	3266	(SELECTFONT D 0)	3281	(MOVERIGHT R 0.01701250)
3252	(SELECTFONT D 0)	3267	(SETCHAR C Y)))	3282	
3253	(SETCHAR C W)))	3268	(CHARACTER C Z		

The character “[” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

3283	(SETCHAR O 133)	3289	(MAP	3295	(CHARDP R 0.25)
3284	(MOVERIGHT R 0.01701250))	3290	(SELECTFONT D 0)	3296	(MAP
3285	(CHARACTER O 134	3291	(SETCHAR O 134)))	3297	(SELECTFONT D 1)
3286	(CHARWD R 0.550001)	3292	(CHARACTER O 135	3298	(MOVERIGHT R 0.01701250)
3287	(CHARHT R 0.694445)	3293	(CHARWD R 0.329168)	3299	
3288	(CHARIC R 0.168125)	3294	(CHARHT R 0.75)		

The character “]” width (2.36114pt from cmr8) has been adjusted by increasing interletter space on 0.13610pt to match its width in cmtiup8

3300	(SETCHAR O 135)	3334	(SELECTFONT D 0)	3368	(CHARDP R 0.194445)
3301	(MOVERIGHT R 0.01701250))	3335	(SETCHAR C b)))	3369	(CHARIC R 0.087502)
3302	(CHARACTER O 136	3336	(CHARACTER C c	3370	(MAP
3303	(CHARWD R 0.548613)	3337	(CHARWD R 0.493752)	3371	(SELECTFONT D 0)
3304	(CHARHT R 0.694445)	3338	(CHARHT R 0.430555)	3372	(SETCHAR C g)))
3305	(CHARIC R 0.063717)	3339	(CHARIC R 0.052778)	3373	(CHARACTER C h
3306	(MAP	3340	(MAP	3374	(CHARWD R 0.548613)
3307	(SELECTFONT D 0)	3341	(SELECTFONT D 0)	3375	(CHARHT R 0.694445)
3308	(SETCHAR O 136)))	3342	(SETCHAR C c)))	3376	(CHARIC R 0.082409)
3309	(CHARACTER O 137	3343	(CHARACTER C d	3377	(MAP
3310	(CHARWD R 0.329168)	3344	(CHARWD R 0.548613)	3378	(SELECTFONT D 0)
3311	(CHARHT R 0.670635)	3345	(CHARHT R 0.694445)	3379	(SETCHAR C h)))
3312	(CHARIC R 0.113493)	3346	(CHARIC R 0.098612)	3380	(CHARACTER C i
3313	(MAP	3347	(MAP	3381	(CHARWD R 0.329168)
3314	(SELECTFONT D 0)	3348	(SELECTFONT D 0)	3382	(CHARHT R 0.656748)
3315	(SETCHAR O 137)))	3349	(SETCHAR C d)))	3383	(CHARIC R 0.096132)
3316	(CHARACTER O 140	3350	(CHARACTER C e	3384	(MAP
3317	(CHARWD R 0.329168)	3351	(CHARWD R 0.493752)	3385	(SELECTFONT D 0)
3318	(CHARHT R 0.694445)	3352	(CHARHT R 0.430555)	3386	(SETCHAR C i)))
3319	(MAP	3353	(CHARIC R 0.075001)	3387	(CHARACTER C j
3320	(SELECTFONT D 0)	3354	(MAP	3388	(CHARWD R 0.329168)
3321	(SETCHAR O 140)))	3355	(SELECTFONT D 0)	3389	(CHARHT R 0.656748)
3322	(CHARACTER C a	3356	(SETCHAR C e)))	3390	(CHARDP R 0.194445)
3323	(CHARWD R 0.548613)	3357	(CHARACTER C f	3391	(CHARIC R 0.144049)
3324	(CHARHT R 0.430555)	3358	(CHARWD R 0.32917)	3392	(MAP
3325	(CHARIC R 0.082409)	3359	(CHARHT R 0.694445)	3393	(SELECTFONT D 0)
3326	(MAP	3360	(CHARDP R 0.194445)	3394	(SETCHAR C j)))
3327	(SELECTFONT D 0)	3361	(CHARIC R 0.214756)	3395	(CHARACTER C k
3328	(SETCHAR C a)))	3362	(MAP	3396	(CHARWD R 0.493752)
3329	(CHARACTER C b	3363	(SELECTFONT D 0)	3397	(CHARHT R 0.694445)
3330	(CHARWD R 0.493752)	3364	(SETCHAR C f)))	3398	(CHARIC R 0.107639)
3331	(CHARHT R 0.694445)	3365	(CHARACTER C g	3399	(MAP
3332	(CHARIC R 0.061285)	3366	(CHARWD R 0.493752)	3400	(SELECTFONT D 0)
3333	(MAP	3367	(CHARHT R 0.430555)	3401	(SETCHAR C k)))

3402 (CHARACTER C l	3451 (SELECTFONT D o)	3500 (MAP
3403 (CHARWD R 0.274307)	3452 (SETCHAR C r)))	3501 (SELECTFONT D o)
3404 (CHARHT R 0.694445)	3453 (CHARACTER C s	3502 (SETCHAR C y)))
3405 (CHARIC R 0.098612)	3454 (CHARWD R 0.43889)	3503 (CHARACTER C z
3406 (MAP	3455 (CHARHT R 0.430555)	3504 (CHARWD R 0.438892)
3407 (SELECTFONT D o)	3456 (CHARIC R 0.080208)	3505 (CHARHT R 0.430555)
3408 (SETCHAR C l)))	3457 (MAP	3506 (CHARIC R 0.126738)
3409 (CHARACTER C m	3458 (SELECTFONT D o)	3507 (MAP
3410 (CHARWD R 0.877779)	3459 (SETCHAR C s)))	3508 (SELECTFONT D o)
3411 (CHARHT R 0.430555)	3460 (CHARACTER C t	3509 (SETCHAR C z)))
3412 (CHARIC R 0.082409)	3461 (CHARWD R 0.3566)	3510 (CHARACTER O 173
3413 (MAP	3462 (CHARHT R 0.61508)	3511 (CHARWD R 0.548613)
3414 (SELECTFONT D o)	3463 (CHARIC R 0.093924)	3512 (CHARHT R 0.430555)
3415 (SETCHAR C m)))	3464 (MAP	3513 (CHARIC R 0.093956)
3416 (CHARACTER C n	3465 (SELECTFONT D o)	3514 (MAP
3417 (CHARWD R 0.603474)	3466 (SETCHAR C t)))	3515 (SELECTFONT D o)
3418 (CHARHT R 0.430555)	3467 (CHARACTER C u	3516 (SETCHAR O 173)))
3419 (CHARIC R 0.082409)	3468 (CHARWD R 0.576044)	3517 (CHARACTER O 174
3420 (MAP	3469 (CHARHT R 0.430555)	3518 (CHARWD R 1.097225)
3421 (SELECTFONT D o)	3470 (CHARIC R 0.082409)	3519 (CHARHT R 0.430555)
3422 (SETCHAR C n)))	3471 (MAP	3520 (CHARIC R 0.093956)
3423 (CHARACTER C o	3472 (SELECTFONT D o)	3521 (MAP
3424 (CHARWD R 0.548613)	3473 (SETCHAR C u)))	3522 (SELECTFONT D o)
3425 (CHARHT R 0.430555)	3474 (CHARACTER C v	3523 (SETCHAR O 174)))
3426 (CHARIC R 0.061285)	3475 (CHARWD R 0.493752)	3524 (CHARACTER O 175
3427 (MAP	3476 (CHARHT R 0.430555)	3525 (CHARWD R 0.548613)
3428 (SELECTFONT D o)	3477 (CHARIC R 0.107639)	3526 (CHARHT R 0.694445)
3429 (SETCHAR C o)))	3478 (MAP	3527 (CHARIC R 0.11875)
3430 (CHARACTER C p	3479 (SELECTFONT D o)	3528 (MAP
3431 (CHARWD R 0.548613)	3480 (SETCHAR C v)))	3529 (SELECTFONT D o)
3432 (CHARHT R 0.430555)	3481 (CHARACTER C w	3530 (SETCHAR O 175)))
3433 (CHARDP R 0.194445)	3482 (CHARWD R 0.713196)	3531 (CHARACTER O 176
3434 (CHARIC R 0.061285)	3483 (CHARHT R 0.430555)	3532 (CHARWD R 0.548613)
3435 (MAP	3484 (CHARIC R 0.107639)	3533 (CHARHT R 0.670635)
3436 (SELECTFONT D o)	3485 (MAP	3534 (CHARIC R 0.112799)
3437 (SETCHAR C p)))	3486 (SELECTFONT D o)	3535 (MAP
3438 (CHARACTER C q	3487 (SETCHAR C w)))	3536 (SELECTFONT D o)
3439 (CHARWD R 0.493752)	3488 (CHARACTER C x	3537 (SETCHAR O 176)))
3440 (CHARHT R 0.430555)	3489 (CHARWD R 0.494795)	3538 (CHARACTER O 177
3441 (CHARDP R 0.194445)	3490 (CHARHT R 0.430555)	3539 (CHARWD R 0.548613)
3442 (CHARIC R 0.087502)	3491 (CHARIC R 0.121355)	3540 (CHARHT R 0.670635)
3443 (MAP	3492 (MAP	3541 (CHARIC R 0.099777)
3444 (SELECTFONT D o)	3493 (SELECTFONT D o)	3542 (MAP
3445 (SETCHAR C q)))	3494 (SETCHAR C x)))	3543 (SELECTFONT D o)
3446 (CHARACTER C r	3495 (CHARACTER C y	3544 (SETCHAR O 177)))
3447 (CHARWD R 0.452606)	3496 (CHARWD R 0.521183)	3545
3448 (CHARHT R 0.430555)	3497 (CHARHT R 0.430555)	3546 (/cmtiup9vpl)
3449 (CHARIC R 0.107639)	3498 (CHARDP R 0.194445)	3547
3450 (MAP	3499 (CHARIC R 0.087502)	

### 6.3 File cmtiup9.vpl

3548 (\*cmtiup9vpl)  
3549 (VTITLE cmti9 with unslanted punctuation from cmr9 by SVZ, v.1.2 2001/01/08)

3550 (FAMILY CMTI UNSLPUNCT)	3561 (QUAD R 1.049397)	3572 (FONTDSIZE R 9.0))
3551 (FACE O 354)	3562 (EXTRASPACE R 0.104939))	3573 (LIGTABLE
3552 (CODINGScheme TEX TEXT)	3563 (MAPFONT D o	3574 (LABEL O 40)
3553 (DESIGNSIZE R 9.0)	3564 (FONTNAME cmti9)	3575 (KRn C l R -0.262349)
3554 (CHECKSUM O 27432510671)	3565 (FONTCHECKSUM O 27432510671)	3576 (KRn C L R -0.329017)
3555 (FONTDIMEN	3566 (FONTAT R 1.0)	3577 (STOP)
3556 (SLANT R 0.25)	3567 (FONTDSIZE R 9.0))	3578 (LABEL O 140)
3557 (SPACE R 0.36729)	3568 (MAPFONT D 1	3579 (LIG O 140 O 134)
3558 (STRETCH R 0.15741)	3569 (FONTNAME cmr9)	3580 (STOP)
3559 (SHRINK R 0.104939)	3570 (FONTCHECKSUM O 15755105308)	3581 (LABEL O 47)
3560 (XHEIGHT R 0.430555)	3571 (FONTAT R 1.0)	3582 (LIG O 47 O 42)

3583	(KRN 0 77 R 0.104939)	3651	(KRN C 0 R 0.078705)	3719	(KRN C 2 R 0.104939)
3584	(KRN 0 41 R 0.104939)	3652	(KRN C 1 R 0.104939)	3720	(KRN C 3 R 0.104939)
3585	(STOP)	3653	(KRN C 2 R 0.104939)	3721	(KRN C 4 R 0.078705)
3586	(LABEL 0 55)	3654	(KRN C 3 R 0.104939)	3722	(KRN C 5 R 0.104939)
3587	(LIG 0 55 0 173)	3655	(KRN C 4 R 0.078705)	3723	(KRN C 6 R 0.078705)
3588	(STOP)	3656	(KRN C 5 R 0.104939)	3724	(KRN C 7 R 0.104939)
3589	(LABEL 0 173)	3657	(KRN C 6 R 0.078705)	3725	(KRN C 8 R 0.104939)
3590	(LIG 0 55 0 174)	3658	(KRN C 7 R 0.104939)	3726	(KRN C 9 R 0.104939)
3591	(STOP)	3659	(KRN C 8 R 0.104939)	3727	(KRN 0 43 R 0.104939)
3592	(LABEL 0 41)	3660	(KRN C 9 R 0.104939)	3728	(KRN 0 45 R 0.078705)
3593	(LIG 0 140 0 74)	3661	(KRN 0 43 R 0.104939)	3729	(KRN 0 100 R 0.104939)
3594	(STOP)	3662	(KRN 0 45 R 0.078705)	3730	(KRN 0 52 R 0.078705)
3595	(LABEL 0 77)	3663	(KRN 0 100 R 0.104939)	3731	(KRN 0 53 R 0.078705)
3596	(LIG 0 140 0 76)	3664	(KRN 0 52 R 0.078705)	3732	(KRN 0 57 R 0.104939)
3597	(STOP)	3665	(KRN 0 53 R 0.078705)	3733	(KRN 0 74 R 0.104939)
3598	(LABEL C d)	3666	(KRN 0 57 R 0.104939)	3734	(KRN 0 76 R 0.104939)
3599	(LABEL C l)	3667	(KRN 0 74 R 0.104939)	3735	(STOP)
3600	(LABEL C w)	3668	(KRN 0 76 R 0.104939)	3736	(LABEL C D)
3601	(KRN C 1 R 0.05247)	3669	(STOP)	3737	(LABEL C O)
3602	(KRN 0 72 R 0.078705)	3670	(LABEL C T)	3738	(KRN C X R -0.026235)
3603	(KRN 0 73 R 0.078705)	3671	(KRN C y R -0.078705)	3739	(KRN C W R -0.026235)
3604	(KRN 0 41 R 0.104939)	3672	(LABEL C Y)	3740	(KRN C A R -0.026235)
3605	(KRN 0 50 R 0.104939)	3673	(KRN C e R -0.078705)	3741	(KRN C V R -0.026235)
3606	(KRN 0 51 R 0.104939)	3674	(KRN C o R -0.078705)	3742	(KRN C Y R -0.026235)
3607	(KRN 0 135 R 0.104939)	3675	(KRN C r R -0.078705)	3743	(KRN 0 72 R 0.078705)
3608	(KRN 0 133 R 0.104939)	3676	(KRN C a R -0.078705)	3744	(KRN 0 73 R 0.078705)
3609	(KRN 0 77 R 0.104939)	3677	(KRN C u R -0.078705)	3745	(KRN 0 41 R 0.104939)
3610	(KRN C 0 R 0.078705)	3678	(LABEL C W)	3746	(KRN 0 50 R 0.104939)
3611	(KRN C 1 R 0.104939)	3679	(KRN C A R -0.078705)	3747	(KRN 0 51 R 0.104939)
3612	(KRN C 2 R 0.104939)	3680	(KRN 0 72 R 0.15741)	3748	(KRN 0 135 R 0.104939)
3613	(KRN C 3 R 0.104939)	3681	(KRN 0 73 R 0.15741)	3749	(KRN 0 133 R 0.104939)
3614	(KRN C 4 R 0.078705)	3682	(KRN 0 41 R 0.15741)	3750	(KRN 0 77 R 0.104939)
3615	(KRN C 5 R 0.104939)	3683	(KRN 0 50 R 0.15741)	3751	(KRN C 0 R 0.078705)
3616	(KRN C 6 R 0.078705)	3684	(KRN 0 51 R 0.15741)	3752	(KRN C 1 R 0.104939)
3617	(KRN C 7 R 0.104939)	3685	(KRN 0 135 R 0.15741)	3753	(KRN C 2 R 0.104939)
3618	(KRN C 8 R 0.104939)	3686	(KRN 0 133 R 0.15741)	3754	(KRN C 3 R 0.104939)
3619	(KRN C 9 R 0.104939)	3687	(KRN 0 77 R 0.15741)	3755	(KRN C 4 R 0.078705)
3620	(KRN 0 43 R 0.104939)	3688	(KRN C 0 R 0.15741)	3756	(KRN C 5 R 0.104939)
3621	(KRN 0 45 R 0.078705)	3689	(KRN C 1 R 0.15741)	3757	(KRN C 6 R 0.078705)
3622	(KRN 0 100 R 0.104939)	3690	(KRN C 2 R 0.15741)	3758	(KRN C 7 R 0.104939)
3623	(KRN 0 52 R 0.078705)	3691	(KRN C 3 R 0.15741)	3759	(KRN C 8 R 0.104939)
3624	(KRN 0 53 R 0.078705)	3692	(KRN C 4 R 0.15741)	3760	(KRN C 9 R 0.104939)
3625	(KRN 0 57 R 0.104939)	3693	(KRN C 5 R 0.15741)	3761	(KRN 0 43 R 0.104939)
3626	(KRN 0 74 R 0.104939)	3694	(KRN C 6 R 0.15741)	3762	(KRN 0 45 R 0.078705)
3627	(KRN 0 76 R 0.104939)	3695	(KRN C 7 R 0.15741)	3763	(KRN 0 100 R 0.104939)
3628	(STOP)	3696	(KRN C 8 R 0.15741)	3764	(KRN 0 52 R 0.078705)
3629	(LABEL C F)	3697	(KRN C 9 R 0.15741)	3765	(KRN 0 53 R 0.078705)
3630	(LABEL C V)	3698	(KRN 0 43 R 0.15741)	3766	(KRN 0 57 R 0.104939)
3631	(KRN C o R -0.078705)	3699	(KRN 0 45 R 0.15741)	3767	(KRN 0 74 R 0.104939)
3632	(KRN C e R -0.078705)	3700	(KRN 0 100 R 0.15741)	3768	(KRN 0 76 R 0.104939)
3633	(KRN C u R -0.078705)	3701	(KRN 0 52 R 0.078705)	3769	(STOP)
3634	(KRN C r R -0.078705)	3702	(KRN 0 53 R 0.078705)	3770	(LABEL C A)
3635	(KRN C a R -0.078705)	3703	(KRN 0 57 R 0.15741)	3771	(KRN C n R -0.026235)
3636	(KRN C A R -0.104939)	3704	(KRN 0 74 R 0.15741)	3772	(KRN C 1 R -0.026235)
3637	(LABEL C K)	3705	(KRN 0 76 R 0.15741)	3773	(KRN C r R -0.026235)
3638	(LABEL C X)	3706	(STOP)	3774	(KRN C u R -0.026235)
3639	(KRN C 0 R -0.026235)	3707	(LABEL C P)	3775	(KRN C m R -0.026235)
3640	(KRN C C R -0.026235)	3708	(KRN C A R -0.078705)	3776	(KRN C t R -0.026235)
3641	(KRN C G R -0.026235)	3709	(KRN 0 72 R 0.078705)	3777	(KRN C i R -0.026235)
3642	(KRN C Q R -0.026235)	3710	(KRN 0 73 R 0.078705)	3778	(KRN C C R -0.026235)
3643	(KRN 0 72 R 0.078705)	3711	(KRN 0 41 R 0.104939)	3779	(KRN C 0 R -0.026235)
3644	(KRN 0 73 R 0.078705)	3712	(KRN 0 50 R 0.104939)	3780	(KRN C G R -0.026235)
3645	(KRN 0 41 R 0.104939)	3713	(KRN 0 51 R 0.104939)	3781	(KRN C h R -0.026235)
3646	(KRN 0 50 R 0.104939)	3714	(KRN 0 135 R 0.104939)	3782	(KRN C b R -0.026235)
3647	(KRN 0 51 R 0.104939)	3715	(KRN 0 133 R 0.104939)	3783	(KRN C U R -0.026235)
3648	(KRN 0 135 R 0.104939)	3716	(KRN 0 77 R 0.104939)	3784	(KRN C k R -0.026235)
3649	(KRN 0 133 R 0.104939)	3717	(KRN C 0 R 0.078705)	3785	(KRN C v R -0.026235)
3650	(KRN 0 77 R 0.104939)	3718	(KRN C 1 R 0.104939)	3786	(KRN C w R -0.026235)

3787	(KRN C Q R -0.026235)	3855	(KRN O 133 R 0.104939)	3923	(LABEL C n)
3788	(KRN C T R -0.078705)	3856	(KRN O 77 R 0.104939)	3924	(KRN O 47 R -0.104939)
3789	(KRN C Y R -0.078705)	3857	(KRN C O R 0.078705)	3925	(KRN O 72 R 0.078705)
3790	(KRN C V R -0.104939)	3858	(KRN C 1 R 0.104939)	3926	(KRN O 73 R 0.078705)
3791	(KRN C W R -0.104939)	3859	(KRN C 2 R 0.104939)	3927	(KRN O 41 R 0.104939)
3792	(KRN C e R -0.05247)	3860	(KRN C 3 R 0.104939)	3928	(KRN O 50 R 0.104939)
3793	(KRN C a R -0.05247)	3861	(KRN C 4 R 0.078705)	3929	(KRN O 51 R 0.104939)
3794	(KRN C o R -0.05247)	3862	(KRN C 5 R 0.104939)	3930	(KRN O 135 R 0.104939)
3795	(KRN C d R -0.05247)	3863	(KRN C 6 R 0.078705)	3931	(KRN O 133 R 0.104939)
3796	(KRN C c R -0.05247)	3864	(KRN C 7 R 0.104939)	3932	(KRN O 77 R 0.104939)
3797	(KRN C g R -0.05247)	3865	(KRN C 8 R 0.104939)	3933	(KRN C O R 0.078705)
3798	(KRN C q R -0.05247)	3866	(KRN C 9 R 0.104939)	3934	(KRN C 1 R 0.104939)
3799	(KRN O 72 R 0.05247)	3867	(KRN O 43 R 0.104939)	3935	(KRN C 2 R 0.104939)
3800	(KRN O 73 R 0.05247)	3868	(KRN O 45 R 0.078705)	3936	(KRN C 3 R 0.104939)
3801	(KRN O 41 R 0.05247)	3869	(KRN O 100 R 0.104939)	3937	(KRN C 4 R 0.078705)
3802	(KRN O 50 R 0.05247)	3870	(KRN O 52 R 0.078705)	3938	(KRN C 5 R 0.104939)
3803	(KRN O 51 R 0.05247)	3871	(KRN O 53 R 0.078705)	3939	(KRN C 6 R 0.078705)
3804	(KRN O 135 R 0.05247)	3872	(KRN O 57 R 0.104939)	3940	(KRN C 7 R 0.104939)
3805	(KRN O 133 R 0.05247)	3873	(KRN O 74 R 0.104939)	3941	(KRN C 8 R 0.104939)
3806	(KRN O 77 R 0.05247)	3874	(KRN O 76 R 0.104939)	3942	(KRN C 9 R 0.104939)
3807	(KRN C O R 0.05247)	3875	(KRN C e R -0.05247)	3943	(KRN O 43 R 0.104939)
3808	(KRN C 1 R 0.05247)	3876	(KRN C a R -0.05247)	3944	(KRN O 45 R 0.078705)
3809	(KRN C 2 R 0.05247)	3877	(KRN C o R -0.05247)	3945	(KRN O 100 R 0.104939)
3810	(KRN C 3 R 0.05247)	3878	(KRN C d R -0.05247)	3946	(KRN O 52 R 0.078705)
3811	(KRN C 4 R 0.05247)	3879	(KRN C c R -0.05247)	3947	(KRN O 53 R 0.078705)
3812	(KRN C 5 R 0.05247)	3880	(KRN C g R -0.05247)	3948	(KRN O 57 R 0.104939)
3813	(KRN C 6 R 0.05247)	3881	(KRN C q R -0.05247)	3949	(KRN O 74 R 0.104939)
3814	(KRN C 7 R 0.05247)	3882	(STOP)	3950	(KRN O 76 R 0.104939)
3815	(KRN C 8 R 0.05247)	3883	(LABEL C b)	3951	(STOP)
3816	(KRN C 9 R 0.05247)	3884	(LABEL C c)	3952	(LABEL C H)
3817	(KRN O 43 R 0.05247)	3885	(LABEL C e)	3953	(LABEL C I)
3818	(KRN O 45 R 0.05247)	3886	(LABEL C o)	3954	(LABEL C J)
3819	(KRN O 100 R 0.05247)	3887	(LABEL C p)	3955	(LABEL C M)
3820	(KRN O 52 R 0.05247)	3888	(LABEL C r)	3956	(LABEL C N)
3821	(KRN O 53 R 0.05247)	3889	(KRN C e R -0.05247)	3957	(LABEL C U)
3822	(KRN O 57 R 0.05247)	3890	(KRN C a R -0.05247)	3958	(LABEL C Z)
3823	(KRN O 74 R 0.05247)	3891	(KRN C o R -0.05247)	3959	(KRN O 72 R 0.15741)
3824	(KRN O 76 R 0.05247)	3892	(KRN C d R -0.05247)	3960	(KRN O 73 R 0.15741)
3825	(STOP)	3893	(KRN C c R -0.05247)	3961	(KRN O 41 R 0.15741)
3826	(LABEL C R)	3894	(KRN C g R -0.05247)	3962	(KRN O 50 R 0.15741)
3827	(KRN C n R -0.026235)	3895	(KRN C q R -0.05247)	3963	(KRN O 51 R 0.15741)
3828	(KRN C 1 R -0.026235)	3896	(KRN O 72 R 0.05247)	3964	(KRN O 135 R 0.15741)
3829	(KRN C r R -0.026235)	3897	(KRN O 73 R 0.05247)	3965	(KRN O 133 R 0.15741)
3830	(KRN C u R -0.026235)	3898	(KRN O 41 R 0.05247)	3966	(KRN O 77 R 0.15741)
3831	(KRN C m R -0.026235)	3899	(KRN O 50 R 0.05247)	3967	(KRN C O R 0.15741)
3832	(KRN C t R -0.026235)	3900	(KRN O 51 R 0.05247)	3968	(KRN C 1 R 0.15741)
3833	(KRN C i R -0.026235)	3901	(KRN O 135 R 0.05247)	3969	(KRN C 2 R 0.15741)
3834	(KRN C C R -0.026235)	3902	(KRN O 133 R 0.05247)	3970	(KRN C 3 R 0.15741)
3835	(KRN C O R -0.026235)	3903	(KRN O 77 R 0.05247)	3971	(KRN C 4 R 0.15741)
3836	(KRN C G R -0.026235)	3904	(KRN C O R 0.05247)	3972	(KRN C 5 R 0.15741)
3837	(KRN C h R -0.026235)	3905	(KRN C 1 R 0.05247)	3973	(KRN C 6 R 0.15741)
3838	(KRN C b R -0.026235)	3906	(KRN C 2 R 0.05247)	3974	(KRN C 7 R 0.15741)
3839	(KRN C U R -0.026235)	3907	(KRN C 3 R 0.05247)	3975	(KRN C 8 R 0.15741)
3840	(KRN C k R -0.026235)	3908	(KRN C 4 R 0.05247)	3976	(KRN C 9 R 0.15741)
3841	(KRN C v R -0.026235)	3909	(KRN C 5 R 0.05247)	3977	(KRN O 43 R 0.15741)
3842	(KRN C w R -0.026235)	3910	(KRN C 6 R 0.05247)	3978	(KRN O 45 R 0.15741)
3843	(KRN C Q R -0.026235)	3911	(KRN C 7 R 0.05247)	3979	(KRN O 100 R 0.15741)
3844	(LABEL C L)	3912	(KRN C 8 R 0.05247)	3980	(KRN O 52 R 0.078705)
3845	(KRN C T R -0.078705)	3913	(KRN C 9 R 0.05247)	3981	(KRN O 53 R 0.078705)
3846	(KRN C Y R -0.078705)	3914	(KRN O 43 R 0.05247)	3982	(KRN O 57 R 0.15741)
3847	(KRN C V R -0.104939)	3915	(KRN O 45 R 0.05247)	3983	(KRN O 74 R 0.15741)
3848	(KRN C W R -0.104939)	3916	(KRN O 100 R 0.05247)	3984	(KRN O 76 R 0.15741)
3849	(KRN O 72 R 0.078705)	3917	(KRN O 52 R 0.05247)	3985	(STOP)
3850	(KRN O 73 R 0.078705)	3918	(KRN O 53 R 0.05247)	3986	(LABEL C B)
3851	(KRN O 41 R 0.104939)	3919	(KRN O 57 R 0.05247)	3987	(LABEL C C)
3852	(KRN O 50 R 0.104939)	3920	(KRN O 74 R 0.05247)	3988	(LABEL C E)
3853	(KRN O 51 R 0.104939)	3921	(KRN O 76 R 0.05247)	3989	(LABEL C G)
3854	(KRN O 135 R 0.104939)	3922	(STOP)	3990	(LABEL C Q)

3991	(LABEL C S)	4059	(KRN 0 100 R 0.15741)	4127	(MAP
3992	(LABEL C a)	4060	(KRN 0 52 R 0.078705)	4128	(SELECTFONT D 0)
3993	(LABEL C g)	4061	(KRN 0 53 R 0.078705)	4129	(SETCHAR 0 4)))
3994	(LABEL C h)	4062	(KRN 0 57 R 0.15741)	4130	(CHARACTER 0 5
3995	(LABEL C i)	4063	(KRN 0 74 R 0.15741)	4131	(CHARWD R 0.762974)
3996	(LABEL C j)	4064	(KRN 0 76 R 0.15741)	4132	(CHARHT R 0.683332)
3997	(LABEL C k)	4065	(STOP)	4133	(CHARIC R 0.159722)
3998	(LABEL C m)	4066	(LABEL 0 13)	4134	(MAP
3999	(LABEL C q)	4067	(LIG C i 0 16)	4135	(SELECTFONT D 0)
4000	(LABEL C s)	4068	(LIG C l 0 17)	4136	(SETCHAR 0 5)))
4001	(LABEL C t)	4069	(KRN 0 47 R 0.104939)	4137	(CHARACTER 0 6
4002	(LABEL C u)	4070	(KRN 0 72 R 0.15741)	4138	(CHARWD R 0.734578)
4003	(LABEL C v)	4071	(KRN 0 73 R 0.15741)	4139	(CHARHT R 0.683332)
4004	(LABEL C x)	4072	(KRN 0 41 R 0.15741)	4140	(CHARIC R 0.118364)
4005	(LABEL C y)	4073	(KRN 0 50 R 0.15741)	4141	(MAP
4006	(LABEL C z)	4074	(KRN 0 51 R 0.15741)	4142	(SELECTFONT D 0)
4007	(KRN 0 72 R 0.078705)	4075	(KRN 0 135 R 0.15741)	4143	(SETCHAR 0 6)))
4008	(KRN 0 73 R 0.078705)	4076	(KRN 0 133 R 0.15741)	4144	(CHARACTER 0 7
4009	(KRN 0 41 R 0.104939)	4077	(KRN 0 77 R 0.15741)	4145	(CHARWD R 0.787048)
4010	(KRN 0 50 R 0.104939)	4078	(KRN C 0 R 0.15741)	4146	(CHARHT R 0.683332)
4011	(KRN 0 51 R 0.104939)	4079	(KRN C 1 R 0.15741)	4147	(CHARIC R 0.110433)
4012	(KRN 0 135 R 0.104939)	4080	(KRN C 2 R 0.15741)	4148	(MAP
4013	(KRN 0 133 R 0.104939)	4081	(KRN C 3 R 0.15741)	4149	(SELECTFONT D 0)
4014	(KRN 0 77 R 0.104939)	4082	(KRN C 4 R 0.15741)	4150	(SETCHAR 0 7)))
4015	(KRN C 0 R 0.078705)	4083	(KRN C 5 R 0.15741)	4151	(CHARACTER 0 10
4016	(KRN C 1 R 0.104939)	4084	(KRN C 6 R 0.15741)	4152	(CHARWD R 0.734578)
4017	(KRN C 2 R 0.104939)	4085	(KRN C 7 R 0.15741)	4153	(CHARHT R 0.683332)
4018	(KRN C 3 R 0.104939)	4086	(KRN C 8 R 0.15741)	4154	(CHARIC R 0.059182)
4019	(KRN C 4 R 0.078705)	4087	(KRN C 9 R 0.15741)	4155	(MAP
4020	(KRN C 5 R 0.104939)	4088	(KRN 0 43 R 0.15741)	4156	(SELECTFONT D 0)
4021	(KRN C 6 R 0.078705)	4089	(KRN 0 45 R 0.15741)	4157	(SETCHAR 0 10)))
4022	(KRN C 7 R 0.104939)	4090	(KRN 0 100 R 0.15741)	4158	(CHARACTER 0 11
4023	(KRN C 8 R 0.104939)	4091	(KRN 0 52 R 0.078705)	4159	(CHARWD R 0.787048)
4024	(KRN C 9 R 0.104939)	4092	(KRN 0 53 R 0.078705)	4160	(CHARHT R 0.683332)
4025	(KRN 0 43 R 0.104939)	4093	(KRN 0 57 R 0.15741)	4161	(CHARIC R 0.110433)
4026	(KRN 0 45 R 0.078705)	4094	(KRN 0 74 R 0.15741)	4162	(MAP
4027	(KRN 0 100 R 0.104939)	4095	(KRN 0 76 R 0.15741)	4163	(SELECTFONT D 0)
4028	(KRN 0 52 R 0.078705)	4096	(STOP))	4164	(SETCHAR 0 11)))
4029	(KRN 0 53 R 0.078705)	4097	(CHARACTER 0 0	4165	(CHARACTER 0 12
4030	(KRN 0 57 R 0.104939)	4098	(CHARWD R 0.643836)	4166	(CHARWD R 0.734578)
4031	(KRN 0 74 R 0.104939)	4099	(CHARHT R 0.683332)	4167	(CHARHT R 0.683332)
4032	(KRN 0 76 R 0.104939)	4100	(CHARIC R 0.131481)	4168	(CHARIC R 0.10189)
4033	(STOP)	4101	(MAP	4169	(MAP
4034	(LABEL C f)	4102	(SELECTFONT D 0)	4170	(SELECTFONT D 0)
4035	(LIG C i 0 14)	4103	(SETCHAR 0 0)))	4171	(SETCHAR 0 12)))
4036	(LIG C f 0 13)	4104	(CHARACTER 0 1	4172	(CHARACTER 0 13
4037	(LIG C l 0 15)	4105	(CHARWD R 0.839519)	4173	(CHARWD R 0.629639)
4038	(KRN 0 47 R 0.104939)	4106	(CHARHT R 0.683332)	4174	(CHARHT R 0.694445)
4039	(KRN 0 72 R 0.15741)	4107	(MAP	4175	(CHARDP R 0.194445)
4040	(KRN 0 73 R 0.15741)	4108	(SELECTFONT D 0)	4176	(CHARIC R 0.212963)
4041	(KRN 0 41 R 0.15741)	4109	(SETCHAR 0 1)))	4177	(MAP
4042	(KRN 0 50 R 0.15741)	4110	(CHARACTER 0 2	4178	(SELECTFONT D 0)
4043	(KRN 0 51 R 0.15741)	4111	(CHARWD R 0.787048)	4179	(SETCHAR 0 13)))
4044	(KRN 0 135 R 0.15741)	4112	(CHARHT R 0.683332)	4180	(CHARACTER 0 14
4045	(KRN 0 133 R 0.15741)	4113	(CHARIC R 0.0933485)	4181	(CHARWD R 0.577168)
4046	(KRN 0 77 R 0.15741)	4114	(MAP	4182	(CHARHT R 0.694445)
4047	(KRN C 0 R 0.15741)	4115	(SELECTFONT D 0)	4183	(CHARDP R 0.194445)
4048	(KRN C 1 R 0.15741)	4116	(SETCHAR 0 2)))	4184	(CHARIC R 0.102622)
4049	(KRN C 2 R 0.15741)	4117	(CHARACTER 0 3	4185	(MAP
4050	(KRN C 3 R 0.15741)	4118	(CHARWD R 0.710504)	4186	(SELECTFONT D 0)
4051	(KRN C 4 R 0.15741)	4119	(CHARHT R 0.683332)	4187	(SETCHAR 0 14)))
4052	(KRN C 5 R 0.15741)	4120	(MAP	4188	(CHARACTER 0 15
4053	(KRN C 6 R 0.15741)	4121	(SELECTFONT D 0)	4189	(CHARWD R 0.603404)
4054	(KRN C 7 R 0.15741)	4122	(SETCHAR 0 3)))	4190	(CHARHT R 0.694445)
4055	(KRN C 8 R 0.15741)	4123	(CHARACTER 0 4	4191	(CHARDP R 0.194445)
4056	(KRN C 9 R 0.15741)	4124	(CHARWD R 0.682109)	4192	(CHARIC R 0.102622)
4057	(KRN 0 43 R 0.15741)	4125	(CHARHT R 0.683332)	4193	(MAP
4058	(KRN 0 45 R 0.15741)	4126	(CHARIC R 0.15247)	4194	(SELECTFONT D 0)

4195	(SETCHAR 0 15)))	4243	(CHARIC R 0.082272)	4291	(CHARIC R 0.07554)
4196	(CHARACTER 0 16	4244	(MAP	4292	(MAP
4197	(CHARWD R 0.905106)	4245	(SELECTFONT D 0)	4293	(SELECTFONT D 0)
4198	(CHARHT R 0.694445)	4246	(SETCHAR 0 24)))	4294	(SETCHAR 0 33)))
4199	(CHARDP R 0.194445)	4247	(CHARACTER 0 25	4295	(CHARACTER 0 34
4200	(CHARIC R 0.102622)	4248	(CHARWD R 0.524699)	4296	(CHARWD R 0.524699)
4201	(MAP	4249	(CHARHT R 0.694445)	4297	(CHARHT R 0.527778)
4202	(SELECTFONT D 0)	4250	(CHARIC R 0.107252)	4298	(CHARDP R 0.097222)
4203	(SETCHAR 0 16)))	4251	(MAP	4299	(CHARIC R 0.091821)
4204	(CHARACTER 0 17	4252	(SELECTFONT D 0)	4300	(MAP
4205	(CHARWD R 0.918223)	4253	(SETCHAR 0 25)))	4301	(SELECTFONT D 0)
4206	(CHARHT R 0.694445)	4254	(CHARACTER 0 26	4302	(SETCHAR 0 34)))
4207	(CHARDP R 0.194445)	4255	(CHARWD R 0.524699)	4303	(CHARACTER 0 35
4208	(CHARIC R 0.102622)	4256	(CHARHT R 0.56713)	4304	(CHARWD R 0.906185)
4209	(MAP	4257	(CHARIC R 0.103008)	4305	(CHARHT R 0.683332)
4210	(SELECTFONT D 0)	4258	(MAP	4306	(CHARIC R 0.118364)
4211	(SETCHAR 0 17)))	4259	(SELECTFONT D 0)	4307	(MAP
4212	(CHARACTER 0 20	4260	(SETCHAR 0 26)))	4308	(SELECTFONT D 0)
4213	(CHARWD R 0.314819)	4261	(CHARACTER 0 27	4309	(SETCHAR 0 35)))
4214	(CHARHT R 0.430555)	4262	(CHARWD R 0.850937)	4310	(CHARACTER 0 36
4215	(CHARIC R 0.079091)	4263	(CHARHT R 0.694445)	4311	(CHARWD R 1.011126)
4216	(MAP	4264	(MAP	4312	(CHARHT R 0.683332)
4217	(SELECTFONT D 0)	4265	(SELECTFONT D 0)	4313	(CHARIC R 0.118364)
4218	(SETCHAR 0 20)))	4266	(SETCHAR 0 27)))	4314	(MAP
4219	(CHARACTER 0 21	4267	(CHARACTER 0 30	4315	(SELECTFONT D 0)
4220	(CHARWD R 0.341054)	4268	(CHARWD R 0.472229)	4316	(SETCHAR 0 36)))
4221	(CHARHT R 0.430555)	4269	(CHARDP R 0.170139)	4317	(CHARACTER 0 37
4222	(CHARDP R 0.194445)	4270	(MAP	4318	(CHARWD R 0.787048)
4223	(CHARIC R 0.03665)	4271	(SELECTFONT D 0)	4319	(CHARHT R 0.731944)
4224	(MAP	4272	(SETCHAR 0 30)))	4320	(CHARDP R 0.048611)
4225	(SELECTFONT D 0)	4273	(CHARACTER 0 31	4321	(CHARIC R 0.0933485)
4226	(SETCHAR 0 21)))	4274	(CHARWD R 0.550934)	4322	(MAP
4227	(CHARACTER 0 22	4275	(CHARHT R 0.694445)	4323	(SELECTFONT D 0)
4228	(CHARWD R 0.524699)	4276	(CHARDP R 0.194445)	4324	(SETCHAR 0 37)))
4229	(CHARHT R 0.694445)	4277	(CHARIC R 0.10378)	4325	(CHARACTER 0 40
4230	(MAP	4278	(MAP	4326	(CHARWD R 0.262349)
4231	(SELECTFONT D 0)	4279	(SELECTFONT D 0)	4327	(CHARHT R 0.430555)
4232	(SETCHAR 0 22)))	4280	(SETCHAR 0 31)))	4328	(MAP
4233	(CHARACTER 0 23	4281	(CHARACTER 0 32	4329	(SELECTFONT D 0)
4234	(CHARWD R 0.524699)	4282	(CHARWD R 0.734578)	4330	(SETCHAR 0 40)))
4235	(CHARHT R 0.694445)	4283	(CHARHT R 0.430555)	4331	(CHARACTER 0 41
4236	(CHARIC R 0.094906)	4284	(CHARIC R 0.07554)	4332	(CHARWD R 0.314819)
4237	(MAP	4285	(MAP	4333	(CHARHT R 0.694445)
4238	(SELECTFONT D 0)	4286	(SELECTFONT D 0)	4334	(MAP
4239	(SETCHAR 0 23)))	4287	(SETCHAR 0 32)))	4335	(SELECTFONT D 1)
4240	(CHARACTER 0 24	4288	(CHARACTER 0 33	4336	(MOVERIGHT R 0.01466350)
4241	(CHARWD R 0.524699)	4289	(CHARWD R 0.734578)	4337	
4242	(CHARHT R 0.628472)	4290	(CHARHT R 0.430555)		

The character “!” width (2.56943pt from cmr9) has been adjusted by increasing interletter space on 0.13197pt to match its width in cmtiup9

4338	(SETCHAR 0 41)	4344	(MAP	4350	(CHARDP R 0.194445)
4339	(MOVERIGHT R 0.01466350))	4345	(SELECTFONT D 0)	4351	(MAP
4340	(CHARACTER 0 42	4346	(SETCHAR 0 42)))	4352	(SELECTFONT D 1)
4341	(CHARWD R 0.527784)	4347	(CHARACTER 0 43	4353	(MOVELEFT R 0.00847850)
4342	(CHARHT R 0.694445)	4348	(CHARWD R 0.839519)	4354	
4343	(CHARIC R 0.066509)	4349	(CHARHT R 0.694445)		

The character “#” width (7.70828pt from cmr9) has been adjusted by decreasing interletter space on 0.07631pt to match its width in cmtiup9

4355	(SETCHAR O 43)	4361	(SELECTFONT D 0)	4367	(MAP
4356	(MOVELEFT R 0.008478502)	4362	(SETCHAR O 44)))	4368	(SELECTFONT D 1)
4357	(CHARACTER O 44	4363	(CHARACTER O 45	4369	(MOVELEFT R 0.00847850)
4358	(CHARWD R 0.786082)	4364	(CHARWD R 0.839519)	4370	
4359	(CHARHT R 0.694445)	4365	(CHARHT R 0.75)		
4360	(MAP	4366	(CHARDP R 0.055555)		

The character “%” width (7.70828pt from **cmr9**) has been adjusted by decreasing interletter space on 0.07631pt to match its width in **cmtiup9**

4371	(SETCHAR O 45)	4379	(SETCHAR O 46)))	4387	(CHARWD R 0.419759)
4372	(MOVELEFT R 0.008478503)	4380	(CHARACTER O 47	4388	(CHARHT R 0.75)
4373	(CHARACTER O 46	4381	(CHARWD R 0.314819)	4389	(CHARDP R 0.25)
4374	(CHARWD R 0.787048)	4382	(CHARHT R 0.694445)	4390	(MAP
4375	(CHARHT R 0.694445)	4383	(MAP	4391	(SELECTFONT D 1)
4376	(CHARIC R 0.094906)	4384	(SELECTFONT D 0)	4392	(MOVERIGHT R 0.01003500)
4377	(MAP	4385	(SETCHAR O 47)))	4393	
4378	(SELECTFONT D 0)	4386	(CHARACTER O 50		

The character “(” width (3.59720pt from **cmr9**) has been adjusted by increasing interletter space on 0.09031pt to match its width in **cmtiup9**

4394	(SETCHAR O 50)	4398	(CHARHT R 0.75)	4402	(MOVERIGHT R 0.01003500)
4395	(MOVERIGHT R 0.010035009))	4399	(CHARDP R 0.25)	4403	
4396	(CHARACTER O 51	4400	(MAP		
4397	(CHARWD R 0.419759)	4401	(SELECTFONT D 1)		

The character “)” width (3.59720pt from **cmr9**) has been adjusted by increasing interletter space on 0.09031pt to match its width in **cmtiup9**

4404	(SETCHAR O 51)	4407	(CHARWD R 0.524699)	4410	(SELECTFONT D 1)
4405	(MOVERIGHT R 0.010035003))	4408	(CHARHT R 0.75)	4411	(MOVERIGHT R 0.00540675)
4406	(CHARACTER O 52	4409	(MAP	4412	

The character “\*” width (4.62497pt from **cmr9**) has been adjusted by increasing interletter space on 0.04866pt to match its width in **cmtiup9**

4413	(SETCHAR O 52)	4417	(CHARHT R 0.56713)	4421	(MOVELEFT R 0.00616450)
4414	(MOVERIGHT R 0.005406753))	4418	(CHARDP R 0.064819)	4422	
4415	(CHARACTER O 53	4419	(MAP		
4416	(CHARWD R 0.787048)	4420	(SELECTFONT D 1)		

The character “+” width (7.19439pt from **cmr9**) has been adjusted by decreasing interletter space on 0.05548pt to match its width in **cmtiup9**

4423	(SETCHAR O 53)	4427	(CHARHT R 0.108026)	4431	(MOVERIGHT R 0.01466350)
4424	(MOVELEFT R 0.0061645023))	4428	(CHARDP R 0.194445)	4432	
4425	(CHARACTER O 54	4429	(MAP		
4426	(CHARWD R 0.314819)	4430	(SELECTFONT D 1)		

The character “,” width (2.56943pt from **cmr9**) has been adjusted by increasing interletter space on 0.13197pt to match its width in **cmtiup9**



4433	(SETCHAR O 54)	4439	(MAP	4445	(MAP
4434	(MOVERIGHT R 0.01466350))		(SELECTFONT D 0)	4446	(SELECTFONT D 1)
4435	(CHARACTER O 55	4441	(SETCHAR O 55)))	4447	(MOVERIGHT R 0.01466350)
4436	(CHARWD R 0.36729)	4442	(CHARACTER O 56	4448	
4437	(CHARHT R 0.430555)	4443	(CHARWD R 0.314819)		
4438	(CHARIC R 0.027584)	4444	(CHARHT R 0.108026)		

The character “.” width (2.56943pt from `cmr9`) has been adjusted by increasing interletter space on 0.13197pt to match its width in `cmtiup9`

4449	(SETCHAR O 56)	4453	(CHARHT R 0.75)	4457	(MOVERIGHT R 0.00540675)
4450	(MOVERIGHT R 0.01466351))		(CHARDP R 0.25)	4458	
4451	(CHARACTER O 57	4455	(MAP		
4452	(CHARWD R 0.524699)	4456	(SELECTFONT D 1)		

The character “/” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4459	(SETCHAR O 57)	4462	(CHARWD R 0.524699)	4465	(SELECTFONT D 1)
4460	(MOVERIGHT R 0.005406763))		(CHARHT R 0.644444)	4466	(MOVERIGHT R 0.00540675)
4461	(CHARACTER C 0	4464	(MAP	4467	

The character “0” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4468	(SETCHAR C 0)	4471	(CHARWD R 0.524699)	4474	(SELECTFONT D 1)
4469	(MOVERIGHT R 0.005406752))		(CHARHT R 0.644444)	4475	(MOVERIGHT R 0.00540675)
4470	(CHARACTER C 1	4473	(MAP	4476	

The character “1” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4477	(SETCHAR C 1)	4480	(CHARWD R 0.524699)	4483	(SELECTFONT D 1)
4478	(MOVERIGHT R 0.005406751))		(CHARHT R 0.644444)	4484	(MOVERIGHT R 0.00540675)
4479	(CHARACTER C 2	4482	(MAP	4485	

The character “2” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4486	(SETCHAR C 2)	4489	(CHARWD R 0.524699)	4492	(SELECTFONT D 1)
4487	(MOVERIGHT R 0.005406750))		(CHARHT R 0.644444)	4493	(MOVERIGHT R 0.00540675)
4488	(CHARACTER C 3	4491	(MAP	4494	

The character “3” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4495	(SETCHAR C 3)	4498	(CHARWD R 0.524699)	4501	(SELECTFONT D 1)
4496	(MOVERIGHT R 0.005406759))		(CHARHT R 0.644444)	4502	(MOVERIGHT R 0.00540675)
4497	(CHARACTER C 4	4500	(MAP	4503	

The character “4” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4504	(SETCHAR C 4)	4507	(CHARWD R 0.524699)	4510	(SELECTFONT D 1)
4505	(MOVERIGHT R 0.005406768))	4508	(CHARHT R 0.644444)	4511	(MOVERIGHT R 0.00540675)
4506 (CHARACTER C 5		4509	(MAP	4512	

The character “5” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4513	(SETCHAR C 5)	4516	(CHARWD R 0.524699)	4519	(SELECTFONT D 1)
4514	(MOVERIGHT R 0.005406757))	4517	(CHARHT R 0.644444)	4520	(MOVERIGHT R 0.00540675)
4515 (CHARACTER C 6		4518	(MAP	4521	

The character “6” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4522	(SETCHAR C 6)	4525	(CHARWD R 0.524699)	4528	(SELECTFONT D 1)
4523	(MOVERIGHT R 0.005406750))	4526	(CHARHT R 0.644444)	4529	(MOVERIGHT R 0.00540675)
4524 (CHARACTER C 7		4527	(MAP	4530	

The character “7” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4531	(SETCHAR C 7)	4534	(CHARWD R 0.524699)	4537	(SELECTFONT D 1)
4532	(MOVERIGHT R 0.005406753))	4535	(CHARHT R 0.644444)	4538	(MOVERIGHT R 0.00540675)
4533 (CHARACTER C 8		4536	(MAP	4539	

The character “8” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4540	(SETCHAR C 8)	4543	(CHARWD R 0.524699)	4546	(SELECTFONT D 1)
4541	(MOVERIGHT R 0.005406751))	4544	(CHARHT R 0.644444)	4547	(MOVERIGHT R 0.00540675)
4542 (CHARACTER C 9		4545	(MAP	4548	

The character “9” width (4.62497pt from `cmr9`) has been adjusted by increasing interletter space on 0.04866pt to match its width in `cmtiup9`

4549	(SETCHAR C 9)	4552	(CHARWD R 0.314819)	4555	(SELECTFONT D 1)
4550	(MOVERIGHT R 0.005406753))	4551	(CHARHT R 0.430555)	4556	(MOVERIGHT R 0.01466350)
4551 (CHARACTER O 72		4554	(MAP	4557	

The character “.” width (2.56943pt from `cmr9`) has been adjusted by increasing interletter space on 0.13197pt to match its width in `cmtiup9`

4558	(SETCHAR O 72)	4562	(CHARHT R 0.430555)	4566	(MOVERIGHT R 0.01466350)
4559	(MOVERIGHT R 0.014663503))	4563	(CHARDP R 0.194445)	4567	
4560 (CHARACTER O 73		4564	(MAP		
4561	(CHARWD R 0.314819)	4565	(SELECTFONT D 1)		

The character “;” width (2.56943pt from `cmr9`) has been adjusted by increasing interletter space on 0.13197pt to match its width in `cmtiup9`

4568	(SETCHAR O 73)	4572	(CHARHT R 0.5)	4576	(MOVERIGHT R 0.01466350)
4569	(MOVERIGHT R 0.01466350))		(CHARDP R 0.194445)	4577	
4570	(CHARACTER O 74	4574	(MAP		
4571	(CHARWD R 0.314819)	4575	(SELECTFONT D 1)		

The character “j” width (2.56943pt from cmr9) has been adjusted by increasing interletter space on 0.13197pt to match its width in cmtiup9

4578	(SETCHAR O 74)	4582	(CHARHT R 0.3722925)	4586	(MOVELEFT R 0.00616450)
4579	(MOVELEFT R 0.00616450))		(CHARDP R -0.1277075)	4587	
4580	(CHARACTER O 75	4584	(MAP		
4581	(CHARWD R 0.787048)	4585	(SELECTFONT D 1)		

The character “=” width (7.19439pt from cmr9) has been adjusted by decreasing interletter space on 0.05548pt to match its width in cmtiup9

4588	(SETCHAR O 75)	4592	(CHARHT R 0.5)	4596	(MOVERIGHT R 0.01968150)
4589	(MOVELEFT R 0.00616450))		(CHARDP R 0.194445)	4597	
4590	(CHARACTER O 76	4594	(MAP		
4591	(CHARWD R 0.524699)	4595	(SELECTFONT D 1)		

The character “z” width (4.36802pt from cmr9) has been adjusted by increasing interletter space on 0.17713pt to match its width in cmtiup9

4598	(SETCHAR O 76)	4601	(CHARWD R 0.524699)	4604	(SELECTFONT D 1)
4599	(MOVERIGHT R 0.01968150))		(CHARHT R 0.694445)	4605	(MOVERIGHT R 0.01968150)
4600	(CHARACTER O 77	4603	(MAP	4606	

The character “?” width (4.36802pt from cmr9) has been adjusted by increasing interletter space on 0.17713pt to match its width in cmtiup9

4607	(SETCHAR O 77)	4610	(CHARWD R 0.787048)	4613	(SELECTFONT D 1)
4608	(MOVERIGHT R 0.01968150))		(CHARHT R 0.694445)	4614	(MOVELEFT R 0.00616450)
4609	(CHARACTER O 100	4612	(MAP	4615	

The character “@” width (7.19439pt from cmr9) has been adjusted by decreasing interletter space on 0.05548pt to match its width in cmtiup9

4616	(SETCHAR O 100)	4634	(CHARIC R 0.144599)	4652	(CHARACTER C F
4617	(MOVELEFT R 0.00616450))		(MAP	4653	(CHARWD R 0.670071)
4618	(CHARACTER C A	4636	(SELECTFONT D O)	4654	(CHARHT R 0.683332)
4619	(CHARWD R 0.762974)	4637	(SETCHAR C C))	4655	(CHARIC R 0.131481)
4620	(CHARHT R 0.683332)	4638	(CHARACTER C D	4656	(MAP
4621	(MAP	4639	(CHARWD R 0.775011)	4657	(SELECTFONT D O)
4622	(SELECTFONT D O)	4640	(CHARHT R 0.683332)	4658	(SETCHAR C F))
4623	(SETCHAR C A))	4641	(CHARIC R 0.0933485)	4659	(CHARACTER C G
4624	(CHARACTER C B	4642	(MAP	4660	(CHARWD R 0.7941475)
4625	(CHARWD R 0.722541)	4643	(SELECTFONT D O)	4661	(CHARHT R 0.683332)
4626	(CHARHT R 0.683332)	4644	(SETCHAR C D))	4662	(CHARIC R 0.085031)
4627	(CHARIC R 0.10189)	4645	(CHARACTER C E	4663	(MAP
4628	(MAP	4646	(CHARWD R 0.696306)	4664	(SELECTFONT D O)
4629	(SELECTFONT D O)	4647	(CHARHT R 0.683332)	4665	(SETCHAR C G))
4630	(SETCHAR C B))	4648	(CHARIC R 0.118364)	4666	(CHARACTER C H
4631	(CHARACTER C C	4649	(MAP	4667	(CHARWD R 0.762974)
4632	(CHARWD R 0.734578)	4650	(SELECTFONT D O)	4668	(CHARHT R 0.683332)
4633	(CHARHT R 0.683332)	4651	(SETCHAR C E))	4669	(CHARIC R 0.159722)

4670	(MAP	4716	(CHARHT R 0.683332)	4762	(SELECTFONT D 0)
4671	(SELECTFONT D 0)	4717	(CHARIC R 0.0933485)	4763	(SETCHAR C U)))
4672	(SETCHAR C H)))	4718	(MAP	4764	(CHARACTER C V
4673	(CHARACTER C I	4719	(SELECTFONT D 0)	4765	(CHARWD R 0.762974)
4674	(CHARWD R 0.395684)	4720	(SETCHAR C O)))	4766	(CHARHT R 0.683332)
4675	(CHARHT R 0.683332)	4721	(CHARACTER C P	4767	(CHARIC R 0.183951)
4676	(CHARIC R 0.157717)	4722	(CHARWD R 0.696306)	4768	(MAP
4677	(MAP	4723	(CHARHT R 0.683332)	4769	(SELECTFONT D 0)
4678	(SELECTFONT D 0)	4724	(CHARIC R 0.10189)	4770	(SETCHAR C V)))
4679	(SETCHAR C I)))	4725	(MAP	4771	(CHARACTER C W
4680	(CHARACTER C J	4726	(SELECTFONT D 0)	4772	(CHARWD R 1.025323)
4681	(CHARWD R 0.538897)	4727	(SETCHAR C P)))	4773	(CHARHT R 0.683332)
4682	(CHARHT R 0.683332)	4728	(CHARACTER C Q	4774	(CHARIC R 0.183951)
4683	(CHARIC R 0.1361885)	4729	(CHARWD R 0.787048)	4775	(MAP
4684	(MAP	4730	(CHARHT R 0.683332)	4776	(SELECTFONT D 0)
4685	(SELECTFONT D 0)	4731	(CHARDP R 0.194445)	4777	(SETCHAR C W)))
4686	(SETCHAR C J)))	4732	(CHARIC R 0.0933485)	4778	(CHARACTER C X
4687	(CHARACTER C K	4733	(MAP	4779	(CHARWD R 0.762974)
4688	(CHARWD R 0.789208)	4734	(SELECTFONT D 0)	4780	(CHARHT R 0.683332)
4689	(CHARHT R 0.683332)	4735	(SETCHAR C Q)))	4781	(CHARIC R 0.157717)
4690	(CHARIC R 0.144599)	4736	(CHARACTER C R	4782	(MAP
4691	(MAP	4737	(CHARWD R 0.7487755)	4783	(SELECTFONT D 0)
4692	(SELECTFONT D 0)	4738	(CHARHT R 0.683332)	4784	(SETCHAR C X)))
4693	(SETCHAR C K)))	4739	(CHARIC R 0.036303)	4785	(CHARACTER C Y
4694	(CHARACTER C L	4740	(MAP	4786	(CHARWD R 0.762974)
4695	(CHARWD R 0.643836)	4741	(SELECTFONT D 0)	4787	(CHARHT R 0.683332)
4696	(CHARHT R 0.683332)	4742	(SETCHAR C R)))	4788	(CHARIC R 0.194447)
4697	(MAP	4743	(CHARACTER C S	4789	(MAP
4698	(SELECTFONT D 0)	4744	(CHARWD R 0.577168)	4790	(SELECTFONT D 0)
4699	(SETCHAR C L)))	4745	(CHARHT R 0.683332)	4791	(SETCHAR C Y)))
4700	(CHARACTER C M	4746	(CHARIC R 0.118364)	4792	(CHARACTER C Z
4701	(CHARWD R 0.920383)	4747	(MAP	4793	(CHARWD R 0.629639)
4702	(CHARHT R 0.683332)	4748	(SELECTFONT D 0)	4794	(CHARHT R 0.683332)
4703	(CHARIC R 0.159722)	4749	(SETCHAR C S)))	4795	(CHARIC R 0.144599)
4704	(MAP	4750	(CHARACTER C T	4796	(MAP
4705	(SELECTFONT D 0)	4751	(CHARWD R 0.734578)	4797	(SELECTFONT D 0)
4706	(SETCHAR C M)))	4752	(CHARHT R 0.683332)	4798	(SETCHAR C Z)))
4707	(CHARACTER C N	4753	(CHARIC R 0.131481)	4799	(CHARACTER O 133
4708	(CHARWD R 0.762974)	4754	(MAP	4800	(CHARWD R 0.314819)
4709	(CHARHT R 0.683332)	4755	(SELECTFONT D 0)	4801	(CHARHT R 0.75)
4710	(CHARIC R 0.159722)	4756	(SETCHAR C T)))	4802	(CHARDP R 0.25)
4711	(MAP	4757	(CHARACTER C U	4803	(MAP
4712	(SELECTFONT D 0)	4758	(CHARWD R 0.762974)	4804	(SELECTFONT D 1)
4713	(SETCHAR C N)))	4759	(CHARHT R 0.683332)	4805	(MOVERIGHT R 0.01466350)
4714	(CHARACTER C O	4760	(CHARIC R 0.159722)	4806	
4715	(CHARWD R 0.787048)	4761	(MAP		

The character “[” width (2.56943pt from cmr9) has been adjusted by increasing interletter space on 0.13197pt to match its width in cmtiup9

4807	(SETCHAR O 133)	4813	(MAP	4819	(CHARDP R 0.25)
4808	(MOVERIGHT R 0.01466350))	4814	(SELECTFONT D 0)	4820	(MAP
4809	(CHARACTER O 134	4815	(SETCHAR O 134)))	4821	(SELECTFONT D 1)
4810	(CHARWD R 0.527784)	4816	(CHARACTER O 135	4822	(MOVERIGHT R 0.01466350)
4811	(CHARHT R 0.694445)	4817	(CHARWD R 0.314819)	4823	
4812	(CHARIC R 0.168364)	4818	(CHARHT R 0.75)		

The character “]” width (2.56943pt from cmr9) has been adjusted by increasing interletter space on 0.13197pt to match its width in cmtiup9

4824	(SETCHAR O 135)	4892	(CHARDP R 0.194445)	4960	(SELECTFONT D O)
4825	(MOVERIGHT R 0.014668503))	4893	(CHARIC R 0.08912)	4961	(SETCHAR C p)))
4826	(CHARACTER O 136	4894	(MAP	4962	(CHARACTER C q
4827	(CHARWD R 0.524699)	4895	(SELECTFONT D O)	4963	(CHARWD R 0.472229)
4828	(CHARHT R 0.694445)	4896	(SETCHAR C g)))	4964	(CHARHT R 0.430555)
4829	(CHARIC R 0.065779)	4897	(CHARACTER C h	4965	(CHARDP R 0.194445)
4830	(MAP	4898	(CHARWD R 0.524699)	4966	(CHARIC R 0.08912)
4831	(SELECTFONT D O)	4899	(CHARHT R 0.694445)	4967	(MAP
4832	(SETCHAR O 136)))	4900	(CHARIC R 0.079091)	4968	(SELECTFONT D O)
4833	(CHARACTER O 137	4901	(MAP	4969	(SETCHAR C q)))
4834	(CHARWD R 0.314819)	4902	(SELECTFONT D O)	4970	(CHARACTER C r
4835	(CHARHT R 0.669093)	4903	(SETCHAR C h)))	4971	(CHARWD R 0.432877)
4836	(CHARIC R 0.116346)	4904	(CHARACTER C i	4972	(CHARHT R 0.430555)
4837	(MAP	4905	(CHARWD R 0.314819)	4973	(CHARIC R 0.107639)
4838	(SELECTFONT D O)	4906	(CHARHT R 0.655204)	4974	(MAP
4839	(SETCHAR O 137)))	4907	(CHARIC R 0.098986)	4975	(SELECTFONT D O)
4840	(CHARACTER O 140	4908	(MAP	4976	(SETCHAR C r)))
4841	(CHARWD R 0.314819)	4909	(SELECTFONT D O)	4977	(CHARACTER C s
4842	(CHARHT R 0.694445)	4910	(SETCHAR C i)))	4978	(CHARWD R 0.419759)
4843	(MAP	4911	(CHARACTER C j	4979	(CHARHT R 0.430555)
4844	(SELECTFONT D O)	4912	(CHARWD R 0.314819)	4980	(CHARIC R 0.081404)
4845	(SETCHAR O 140)))	4913	(CHARHT R 0.655204)	4981	(MAP
4846	(CHARACTER C a	4914	(CHARDP R 0.194445)	4982	(SELECTFONT D O)
4847	(CHARWD R 0.524699)	4915	(CHARIC R 0.145283)	4983	(SETCHAR C s)))
4848	(CHARHT R 0.430555)	4916	(MAP	4984	(CHARACTER C t
4849	(CHARIC R 0.079091)	4917	(SELECTFONT D O)	4985	(CHARWD R 0.341054)
4850	(MAP	4918	(SETCHAR C j)))	4986	(CHARHT R 0.61508)
4851	(SELECTFONT D O)	4919	(CHARACTER C k	4987	(CHARIC R 0.0945215)
4852	(SETCHAR C a)))	4920	(CHARWD R 0.472229)	4988	(MAP
4853	(CHARACTER C b	4921	(CHARHT R 0.694445)	4989	(SELECTFONT D O)
4854	(CHARWD R 0.472229)	4922	(CHARIC R 0.107639)	4990	(SETCHAR C t)))
4855	(CHARHT R 0.694445)	4923	(MAP	4991	(CHARACTER C u
4856	(CHARIC R 0.063002)	4924	(SELECTFONT D O)	4992	(CHARWD R 0.550934)
4857	(MAP	4925	(SETCHAR C k)))	4993	(CHARHT R 0.430555)
4858	(SELECTFONT D O)	4926	(CHARACTER C l	4994	(CHARIC R 0.079091)
4859	(SETCHAR C b)))	4927	(CHARWD R 0.262349)	4995	(MAP
4860	(CHARACTER C c	4928	(CHARHT R 0.694445)	4996	(SELECTFONT D O)
4861	(CHARWD R 0.472229)	4929	(CHARIC R 0.102622)	4997	(SETCHAR C u)))
4862	(CHARHT R 0.430555)	4930	(MAP	4998	(CHARACTER C v
4863	(CHARIC R 0.055169)	4931	(SELECTFONT D O)	4999	(CHARWD R 0.472229)
4864	(MAP	4932	(SETCHAR C l)))	5000	(CHARHT R 0.430555)
4865	(SELECTFONT D O)	4933	(CHARACTER C m	5001	(CHARIC R 0.107639)
4866	(SETCHAR C c)))	4934	(CHARWD R 0.839519)	5002	(MAP
4867	(CHARACTER C d	4935	(CHARHT R 0.430555)	5003	(SELECTFONT D O)
4868	(CHARWD R 0.524699)	4936	(CHARIC R 0.079091)	5004	(SETCHAR C v)))
4869	(CHARHT R 0.694445)	4937	(MAP	5005	(CHARACTER C w
4870	(CHARIC R 0.102622)	4938	(SELECTFONT D O)	5006	(CHARWD R 0.682109)
4871	(MAP	4939	(SETCHAR C m)))	5007	(CHARHT R 0.430555)
4872	(SELECTFONT D O)	4940	(CHARACTER C n	5008	(CHARIC R 0.107639)
4873	(SETCHAR C d)))	4941	(CHARWD R 0.577168)	5009	(MAP
4874	(CHARACTER C e	4942	(CHARHT R 0.430555)	5010	(SELECTFONT D O)
4875	(CHARWD R 0.472229)	4943	(CHARIC R 0.079091)	5011	(SETCHAR C w)))
4876	(CHARHT R 0.430555)	4944	(MAP	5012	(CHARACTER C x
4877	(CHARIC R 0.07554)	4945	(SELECTFONT D O)	5013	(CHARWD R 0.473772)
4878	(MAP	4946	(SETCHAR C n)))	5014	(CHARHT R 0.430555)
4879	(SELECTFONT D O)	4947	(CHARACTER C o	5015	(CHARIC R 0.120756)
4880	(SETCHAR C e)))	4948	(CHARWD R 0.524699)	5016	(MAP
4881	(CHARACTER C f	4949	(CHARHT R 0.430555)	5017	(SELECTFONT D O)
4882	(CHARWD R 0.314819)	4950	(CHARIC R 0.063002)	5018	(SETCHAR C x)))
4883	(CHARHT R 0.694445)	4951	(MAP	5019	(CHARACTER C y
4884	(CHARDP R 0.194445)	4952	(SELECTFONT D O)	5020	(CHARWD R 0.498464)
4885	(CHARIC R 0.212963)	4953	(SETCHAR C o)))	5021	(CHARHT R 0.430555)
4886	(MAP	4954	(CHARACTER C p	5022	(CHARDP R 0.194445)
4887	(SELECTFONT D O)	4955	(CHARWD R 0.524699)	5023	(CHARIC R 0.08912)
4888	(SETCHAR C f)))	4956	(CHARHT R 0.430555)	5024	(MAP
4889	(CHARACTER C g	4957	(CHARDP R 0.194445)	5025	(SELECTFONT D O)
4890	(CHARWD R 0.472229)	4958	(CHARIC R 0.063002)	5026	(SETCHAR C y)))
4891	(CHARHT R 0.430555)	4959	(MAP	5027	(CHARACTER C z

5028	(CHARWD R 0.419759)	5043	(CHARHT R 0.430555)	5058	(CHARIC R 0.114803)
5029	(CHARHT R 0.430555)	5044	(CHARIC R 0.092758)	5059	(MAP
5030	(CHARIC R 0.124615)	5045	(MAP	5060	(SELECTFONT D 0)
5031	(MAP	5046	(SELECTFONT D 0)	5061	(SETCHAR 0 176)))
5032	(SELECTFONT D 0)	5047	(SETCHAR 0 174)))	5062	(CHARACTER 0 177
5033	(SETCHAR C z)))	5048	(CHARACTER 0 175	5063	(CHARWD R 0.524699)
5034	(CHARACTER 0 173	5049	(CHARWD R 0.524699)	5064	(CHARHT R 0.669093)
5035	(CHARWD R 0.524699)	5050	(CHARHT R 0.694445)	5065	(CHARIC R 0.1032295)
5036	(CHARHT R 0.430555)	5051	(CHARIC R 0.121141)	5066	(MAP
5037	(CHARIC R 0.092758)	5052	(MAP	5067	(SELECTFONT D 0)
5038	(MAP	5053	(SELECTFONT D 0)	5068	(SETCHAR 0 177)))
5039	(SELECTFONT D 0)	5054	(SETCHAR 0 175)))	5069	
5040	(SETCHAR 0 173)))	5055	(CHARACTER 0 176	5070	(/cmtiup9vpl)
5041	(CHARACTER 0 174	5056	(CHARWD R 0.524699)	5071	
5042	(CHARWD R 1.049397)	5057	(CHARHT R 0.669093)		

## 6.4 File cmtiup10.vpl

5072 (\*cmtiup10vpl)

5073 (VTITLE cmti10 with unslanted punctuation from cmr10 by SVZ, v.1.2 2001/01/08)

5074	(FAMILY CMTI UNSLPUNCT)	5119	(LABEL 0 77)	5164	(KRN C C R -0.025556)
5075	(FACE 0 352)	5120	(LIG 0 140 0 76)	5165	(KRN C G R -0.025556)
5076	(CODINGScheme TEX TEXT)	5121	(STOP)	5166	(KRN C Q R -0.025556)
5077	(DESIGNSIZE R 10.0)	5122	(LABEL C d)	5167	(KRN 0 72 R 0.076666)
5078	(CHECKSUM 0 37500023472)	5123	(LABEL C l)	5168	(KRN 0 73 R 0.076666)
5079	(FONTDIMEN	5124	(LABEL C w)	5169	(KRN 0 41 R 0.1022215)
5080	(SLANT R 0.25)	5125	(KRN C l R 0.051111)	5170	(KRN 0 50 R 0.1022215)
5081	(SPACE R 0.357776)	5126	(KRN 0 72 R 0.076666)	5171	(KRN 0 51 R 0.1022215)
5082	(STRETCH R 0.153333)	5127	(KRN 0 73 R 0.076666)	5172	(KRN 0 135 R 0.1022215)
5083	(SHRINK R 0.1022215)	5128	(KRN 0 41 R 0.1022215)	5173	(KRN 0 133 R 0.1022215)
5084	(XHEIGHT R 0.430555)	5129	(KRN 0 50 R 0.1022215)	5174	(KRN 0 77 R 0.1022215)
5085	(QUAD R 1.022217)	5130	(KRN 0 51 R 0.1022215)	5175	(KRN C 0 R 0.076666)
5086	(EXTRAPSPACE R 0.1022215)	5131	(KRN 0 135 R 0.1022215)	5176	(KRN C 1 R 0.1022215)
5087	(MAPFONT D 0	5132	(KRN 0 133 R 0.1022215)	5177	(KRN C 2 R 0.1022215)
5088	(FONTNAME cmti10)	5133	(KRN 0 77 R 0.1022215)	5178	(KRN C 3 R 0.1022215)
5089	(FONTCHECKSUM 0 37500023472)	5134	(KRN C 0 R 0.076666)	5179	(KRN C 4 R 0.076666)
5090	(FONTAT R 1.0)	5135	(KRN C 1 R 0.1022215)	5180	(KRN C 5 R 0.1022215)
5091	(FONTSIZE R 10.0))	5136	(KRN C 2 R 0.1022215)	5181	(KRN C 6 R 0.076666)
5092	(MAPFONT D 1	5137	(KRN C 3 R 0.1022215)	5182	(KRN C 7 R 0.1022215)
5093	(FONTNAME cmr10)	5138	(KRN C 4 R 0.076666)	5183	(KRN C 8 R 0.1022215)
5094	(FONTCHECKSUM 0 113742601739)	5139	(KRN C 5 R 0.1022215)	5184	(KRN C 9 R 0.1022215)
5095	(FONTAT R 1.0)	5140	(KRN C 6 R 0.076666)	5185	(KRN 0 43 R 0.1022215)
5096	(FONTSIZE R 10.0))	5141	(KRN C 7 R 0.1022215)	5186	(KRN 0 45 R 0.076666)
5097	(LIGTABLE	5142	(KRN C 8 R 0.1022215)	5187	(KRN 0 100 R 0.1022215)
5098	(LABEL 0 40)	5143	(KRN C 9 R 0.1022215)	5188	(KRN 0 52 R 0.076666)
5099	(KRN C l R -0.255554)	5144	(KRN 0 43 R 0.1022215)	5189	(KRN 0 53 R 0.076666)
5100	(KRN C L R -0.320554)	5145	(KRN 0 45 R 0.076666)	5190	(KRN 0 57 R 0.1022215)
5101	(STOP)	5146	(KRN 0 100 R 0.1022215)	5191	(KRN 0 74 R 0.1022215)
5102	(LABEL 0 140)	5147	(KRN 0 52 R 0.076666)	5192	(KRN 0 76 R 0.1022215)
5103	(LIG 0 140 0 134)	5148	(KRN 0 53 R 0.076666)	5193	(STOP)
5104	(STOP)	5149	(KRN 0 57 R 0.1022215)	5194	(LABEL C T)
5105	(LABEL 0 47)	5150	(KRN 0 74 R 0.1022215)	5195	(KRN C y R -0.076666)
5106	(LIG 0 47 0 42)	5151	(KRN 0 76 R 0.1022215)	5196	(LABEL C Y)
5107	(KRN 0 77 R 0.1022215)	5152	(STOP)	5197	(KRN C e R -0.076666)
5108	(KRN 0 41 R 0.1022215)	5153	(LABEL C F)	5198	(KRN C o R -0.076666)
5109	(STOP)	5154	(LABEL C V)	5199	(KRN C r R -0.076666)
5110	(LABEL 0 55)	5155	(KRN C o R -0.076666)	5200	(KRN C a R -0.076666)
5111	(LIG 0 55 0 173)	5156	(KRN C e R -0.076666)	5201	(KRN C u R -0.076666)
5112	(STOP)	5157	(KRN C u R -0.076666)	5202	(LABEL C W)
5113	(LABEL 0 173)	5158	(KRN C r R -0.076666)	5203	(KRN C A R -0.076666)
5114	(LIG 0 55 0 174)	5159	(KRN C a R -0.076666)	5204	(KRN 0 72 R 0.153333)
5115	(STOP)	5160	(KRN C A R -0.1022215)	5205	(KRN 0 73 R 0.153333)
5116	(LABEL 0 41)	5161	(LABEL C K)	5206	(KRN 0 41 R 0.153333)
5117	(LIG 0 140 0 74)	5162	(LABEL C X)	5207	(KRN 0 50 R 0.153333)
5118	(STOP)	5163	(KRN C 0 R -0.025556)	5208	(KRN 0 51 R 0.153333)

5209	(KRN 0 135 R 0.153333)	5277	(KRN C 2 R 0.1022215)	5345	(KRN 0 53 R 0.051111)
5210	(KRN 0 133 R 0.153333)	5278	(KRN C 3 R 0.1022215)	5346	(KRN 0 57 R 0.051111)
5211	(KRN 0 77 R 0.153333)	5279	(KRN C 4 R 0.076666)	5347	(KRN 0 74 R 0.051111)
5212	(KRN C 0 R 0.153333)	5280	(KRN C 5 R 0.1022215)	5348	(KRN 0 76 R 0.051111)
5213	(KRN C 1 R 0.153333)	5281	(KRN C 6 R 0.076666)	5349	(STOP)
5214	(KRN C 2 R 0.153333)	5282	(KRN C 7 R 0.1022215)	5350	(LABEL C R)
5215	(KRN C 3 R 0.153333)	5283	(KRN C 8 R 0.1022215)	5351	(KRN C n R -0.025556)
5216	(KRN C 4 R 0.153333)	5284	(KRN C 9 R 0.1022215)	5352	(KRN C l R -0.025556)
5217	(KRN C 5 R 0.153333)	5285	(KRN 0 43 R 0.1022215)	5353	(KRN C r R -0.025556)
5218	(KRN C 6 R 0.153333)	5286	(KRN 0 45 R 0.076666)	5354	(KRN C u R -0.025556)
5219	(KRN C 7 R 0.153333)	5287	(KRN 0 100 R 0.1022215)	5355	(KRN C m R -0.025556)
5220	(KRN C 8 R 0.153333)	5288	(KRN 0 52 R 0.076666)	5356	(KRN C t R -0.025556)
5221	(KRN C 9 R 0.153333)	5289	(KRN 0 53 R 0.076666)	5357	(KRN C i R -0.025556)
5222	(KRN 0 43 R 0.153333)	5290	(KRN 0 57 R 0.1022215)	5358	(KRN C c R -0.025556)
5223	(KRN 0 45 R 0.153333)	5291	(KRN 0 74 R 0.1022215)	5359	(KRN C o R -0.025556)
5224	(KRN 0 100 R 0.153333)	5292	(KRN 0 76 R 0.1022215)	5360	(KRN C g R -0.025556)
5225	(KRN 0 52 R 0.076666)	5293	(STOP)	5361	(KRN C h R -0.025556)
5226	(KRN 0 53 R 0.076666)	5294	(LABEL C A)	5362	(KRN C b R -0.025556)
5227	(KRN 0 57 R 0.153333)	5295	(KRN C n R -0.025556)	5363	(KRN C U R -0.025556)
5228	(KRN 0 74 R 0.153333)	5296	(KRN C l R -0.025556)	5364	(KRN C k R -0.025556)
5229	(KRN 0 76 R 0.153333)	5297	(KRN C r R -0.025556)	5365	(KRN C v R -0.025556)
5230	(STOP)	5298	(KRN C u R -0.025556)	5366	(KRN C w R -0.025556)
5231	(LABEL C P)	5299	(KRN C m R -0.025556)	5367	(KRN C q R -0.025556)
5232	(KRN C A R -0.076666)	5300	(KRN C t R -0.025556)	5368	(LABEL C L)
5233	(KRN 0 72 R 0.076666)	5301	(KRN C i R -0.025556)	5369	(KRN C T R -0.076666)
5234	(KRN 0 73 R 0.076666)	5302	(KRN C C R -0.025556)	5370	(KRN C Y R -0.076666)
5235	(KRN 0 41 R 0.1022215)	5303	(KRN C O R -0.025556)	5371	(KRN C V R -0.1022215)
5236	(KRN 0 50 R 0.1022215)	5304	(KRN C G R -0.025556)	5372	(KRN C W R -0.1022215)
5237	(KRN 0 51 R 0.1022215)	5305	(KRN C h R -0.025556)	5373	(KRN 0 72 R 0.076666)
5238	(KRN 0 135 R 0.1022215)	5306	(KRN C b R -0.025556)	5374	(KRN 0 73 R 0.076666)
5239	(KRN 0 133 R 0.1022215)	5307	(KRN C U R -0.025556)	5375	(KRN 0 41 R 0.1022215)
5240	(KRN 0 77 R 0.1022215)	5308	(KRN C k R -0.025556)	5376	(KRN 0 50 R 0.1022215)
5241	(KRN C 0 R 0.076666)	5309	(KRN C v R -0.025556)	5377	(KRN 0 51 R 0.1022215)
5242	(KRN C 1 R 0.1022215)	5310	(KRN C w R -0.025556)	5378	(KRN 0 135 R 0.1022215)
5243	(KRN C 2 R 0.1022215)	5311	(KRN C Q R -0.025556)	5379	(KRN 0 133 R 0.1022215)
5244	(KRN C 3 R 0.1022215)	5312	(KRN C T R -0.076666)	5380	(KRN 0 77 R 0.1022215)
5245	(KRN C 4 R 0.076666)	5313	(KRN C Y R -0.076666)	5381	(KRN C O R 0.076666)
5246	(KRN C 5 R 0.1022215)	5314	(KRN C V R -0.1022215)	5382	(KRN C 1 R 0.1022215)
5247	(KRN C 6 R 0.076666)	5315	(KRN C W R -0.1022215)	5383	(KRN C 2 R 0.1022215)
5248	(KRN C 7 R 0.1022215)	5316	(KRN C e R -0.051111)	5384	(KRN C 3 R 0.1022215)
5249	(KRN C 8 R 0.1022215)	5317	(KRN C a R -0.051111)	5385	(KRN C 4 R 0.076666)
5250	(KRN C 9 R 0.1022215)	5318	(KRN C o R -0.051111)	5386	(KRN C 5 R 0.1022215)
5251	(KRN 0 43 R 0.1022215)	5319	(KRN C d R -0.051111)	5387	(KRN C 6 R 0.076666)
5252	(KRN 0 45 R 0.076666)	5320	(KRN C c R -0.051111)	5388	(KRN C 7 R 0.1022215)
5253	(KRN 0 100 R 0.1022215)	5321	(KRN C g R -0.051111)	5389	(KRN C 8 R 0.1022215)
5254	(KRN 0 52 R 0.076666)	5322	(KRN C q R -0.051111)	5390	(KRN C 9 R 0.1022215)
5255	(KRN 0 53 R 0.076666)	5323	(KRN 0 72 R 0.051111)	5391	(KRN 0 43 R 0.1022215)
5256	(KRN 0 57 R 0.1022215)	5324	(KRN 0 73 R 0.051111)	5392	(KRN 0 45 R 0.076666)
5257	(KRN 0 74 R 0.1022215)	5325	(KRN 0 41 R 0.051111)	5393	(KRN 0 100 R 0.1022215)
5258	(KRN 0 76 R 0.1022215)	5326	(KRN 0 50 R 0.051111)	5394	(KRN 0 52 R 0.076666)
5259	(STOP)	5327	(KRN 0 51 R 0.051111)	5395	(KRN 0 53 R 0.076666)
5260	(LABEL C D)	5328	(KRN 0 135 R 0.051111)	5396	(KRN 0 57 R 0.1022215)
5261	(LABEL C O)	5329	(KRN 0 133 R 0.051111)	5397	(KRN 0 74 R 0.1022215)
5262	(KRN C X R -0.025556)	5330	(KRN 0 77 R 0.051111)	5398	(KRN 0 76 R 0.1022215)
5263	(KRN C W R -0.025556)	5331	(KRN C O R 0.051111)	5399	(KRN C e R -0.051111)
5264	(KRN C A R -0.025556)	5332	(KRN C 1 R 0.051111)	5400	(KRN C a R -0.051111)
5265	(KRN C V R -0.025556)	5333	(KRN C 2 R 0.051111)	5401	(KRN C o R -0.051111)
5266	(KRN C Y R -0.025556)	5334	(KRN C 3 R 0.051111)	5402	(KRN C d R -0.051111)
5267	(KRN 0 72 R 0.076666)	5335	(KRN C 4 R 0.051111)	5403	(KRN C c R -0.051111)
5268	(KRN 0 73 R 0.076666)	5336	(KRN C 5 R 0.051111)	5404	(KRN C g R -0.051111)
5269	(KRN 0 41 R 0.1022215)	5337	(KRN C 6 R 0.051111)	5405	(KRN C q R -0.051111)
5270	(KRN 0 50 R 0.1022215)	5338	(KRN C 7 R 0.051111)	5406	(STOP)
5271	(KRN 0 51 R 0.1022215)	5339	(KRN C 8 R 0.051111)	5407	(LABEL C b)
5272	(KRN 0 135 R 0.1022215)	5340	(KRN C 9 R 0.051111)	5408	(LABEL C c)
5273	(KRN 0 133 R 0.1022215)	5341	(KRN 0 43 R 0.051111)	5409	(LABEL C e)
5274	(KRN 0 77 R 0.1022215)	5342	(KRN 0 45 R 0.051111)	5410	(LABEL C o)
5275	(KRN C 0 R 0.076666)	5343	(KRN 0 100 R 0.051111)	5411	(LABEL C p)
5276	(KRN C 1 R 0.1022215)	5344	(KRN 0 52 R 0.051111)	5412	(LABEL C r)

5413	(KRN C e R -0.051111)	5481	(LABEL C U)	5549	(KRN O 43 R 0.1022215)
5414	(KRN C a R -0.051111)	5482	(LABEL C Z)	5550	(KRN O 45 R 0.076666)
5415	(KRN C o R -0.051111)	5483	(KRN O 72 R 0.153333)	5551	(KRN O 100 R 0.1022215)
5416	(KRN C d R -0.051111)	5484	(KRN O 73 R 0.153333)	5552	(KRN O 52 R 0.076666)
5417	(KRN C c R -0.051111)	5485	(KRN O 41 R 0.153333)	5553	(KRN O 53 R 0.076666)
5418	(KRN C g R -0.051111)	5486	(KRN O 50 R 0.153333)	5554	(KRN O 57 R 0.1022215)
5419	(KRN C q R -0.051111)	5487	(KRN O 51 R 0.153333)	5555	(KRN O 74 R 0.1022215)
5420	(KRN O 72 R 0.051111)	5488	(KRN O 135 R 0.153333)	5556	(KRN O 76 R 0.1022215)
5421	(KRN O 73 R 0.051111)	5489	(KRN O 133 R 0.153333)	5557	(STOP)
5422	(KRN O 41 R 0.051111)	5490	(KRN O 77 R 0.153333)	5558	(LABEL C f)
5423	(KRN O 50 R 0.051111)	5491	(KRN C O R 0.153333)	5559	(LIG C i O 14)
5424	(KRN O 51 R 0.051111)	5492	(KRN C 1 R 0.153333)	5560	(LIG C f O 13)
5425	(KRN O 135 R 0.051111)	5493	(KRN C 2 R 0.153333)	5561	(LIG C l O 15)
5426	(KRN O 133 R 0.051111)	5494	(KRN C 3 R 0.153333)	5562	(KRN O 47 R 0.1022215)
5427	(KRN O 77 R 0.051111)	5495	(KRN C 4 R 0.153333)	5563	(KRN O 72 R 0.153333)
5428	(KRN C O R 0.051111)	5496	(KRN C 5 R 0.153333)	5564	(KRN O 73 R 0.153333)
5429	(KRN C 1 R 0.051111)	5497	(KRN C 6 R 0.153333)	5565	(KRN O 41 R 0.153333)
5430	(KRN C 2 R 0.051111)	5498	(KRN C 7 R 0.153333)	5566	(KRN O 50 R 0.153333)
5431	(KRN C 3 R 0.051111)	5499	(KRN C 8 R 0.153333)	5567	(KRN O 51 R 0.153333)
5432	(KRN C 4 R 0.051111)	5500	(KRN C 9 R 0.153333)	5568	(KRN O 135 R 0.153333)
5433	(KRN C 5 R 0.051111)	5501	(KRN O 43 R 0.153333)	5569	(KRN O 133 R 0.153333)
5434	(KRN C 6 R 0.051111)	5502	(KRN O 45 R 0.153333)	5570	(KRN O 77 R 0.153333)
5435	(KRN C 7 R 0.051111)	5503	(KRN O 100 R 0.153333)	5571	(KRN C O R 0.153333)
5436	(KRN C 8 R 0.051111)	5504	(KRN O 52 R 0.076666)	5572	(KRN C 1 R 0.153333)
5437	(KRN C 9 R 0.051111)	5505	(KRN O 53 R 0.076666)	5573	(KRN C 2 R 0.153333)
5438	(KRN O 43 R 0.051111)	5506	(KRN O 57 R 0.153333)	5574	(KRN C 3 R 0.153333)
5439	(KRN O 45 R 0.051111)	5507	(KRN O 74 R 0.153333)	5575	(KRN C 4 R 0.153333)
5440	(KRN O 100 R 0.051111)	5508	(KRN O 76 R 0.153333)	5576	(KRN C 5 R 0.153333)
5441	(KRN O 52 R 0.051111)	5509	(STOP)	5577	(KRN C 6 R 0.153333)
5442	(KRN O 53 R 0.051111)	5510	(LABEL C B)	5578	(KRN C 7 R 0.153333)
5443	(KRN O 57 R 0.051111)	5511	(LABEL C C)	5579	(KRN C 8 R 0.153333)
5444	(KRN O 74 R 0.051111)	5512	(LABEL C E)	5580	(KRN C 9 R 0.153333)
5445	(KRN O 76 R 0.051111)	5513	(LABEL C G)	5581	(KRN O 43 R 0.153333)
5446	(STOP)	5514	(LABEL C Q)	5582	(KRN O 45 R 0.153333)
5447	(LABEL C n)	5515	(LABEL C S)	5583	(KRN O 100 R 0.153333)
5448	(KRN O 47 R -0.1022215)	5516	(LABEL C a)	5584	(KRN O 52 R 0.076666)
5449	(KRN O 72 R 0.076666)	5517	(LABEL C g)	5585	(KRN O 53 R 0.076666)
5450	(KRN O 73 R 0.076666)	5518	(LABEL C h)	5586	(KRN O 57 R 0.153333)
5451	(KRN O 41 R 0.1022215)	5519	(LABEL C i)	5587	(KRN O 74 R 0.153333)
5452	(KRN O 50 R 0.1022215)	5520	(LABEL C j)	5588	(KRN O 76 R 0.153333)
5453	(KRN O 51 R 0.1022215)	5521	(LABEL C k)	5589	(STOP)
5454	(KRN O 135 R 0.1022215)	5522	(LABEL C m)	5590	(LABEL O 13)
5455	(KRN O 133 R 0.1022215)	5523	(LABEL C q)	5591	(LIG C i O 16)
5456	(KRN O 77 R 0.1022215)	5524	(LABEL C s)	5592	(LIG C l O 17)
5457	(KRN C O R 0.076666)	5525	(LABEL C t)	5593	(KRN O 47 R 0.1022215)
5458	(KRN C 1 R 0.1022215)	5526	(LABEL C u)	5594	(KRN O 72 R 0.153333)
5459	(KRN C 2 R 0.1022215)	5527	(LABEL C v)	5595	(KRN O 73 R 0.153333)
5460	(KRN C 3 R 0.1022215)	5528	(LABEL C x)	5596	(KRN O 41 R 0.153333)
5461	(KRN C 4 R 0.076666)	5529	(LABEL C y)	5597	(KRN O 50 R 0.153333)
5462	(KRN C 5 R 0.1022215)	5530	(LABEL C z)	5598	(KRN O 51 R 0.153333)
5463	(KRN C 6 R 0.076666)	5531	(KRN O 72 R 0.076666)	5599	(KRN O 135 R 0.153333)
5464	(KRN C 7 R 0.1022215)	5532	(KRN O 73 R 0.076666)	5600	(KRN O 133 R 0.153333)
5465	(KRN C 8 R 0.1022215)	5533	(KRN O 41 R 0.1022215)	5601	(KRN O 77 R 0.153333)
5466	(KRN C 9 R 0.1022215)	5534	(KRN O 50 R 0.1022215)	5602	(KRN C O R 0.153333)
5467	(KRN O 43 R 0.1022215)	5535	(KRN O 51 R 0.1022215)	5603	(KRN C 1 R 0.153333)
5468	(KRN O 45 R 0.076666)	5536	(KRN O 135 R 0.1022215)	5604	(KRN C 2 R 0.153333)
5469	(KRN O 100 R 0.1022215)	5537	(KRN O 133 R 0.1022215)	5605	(KRN C 3 R 0.153333)
5470	(KRN O 52 R 0.076666)	5538	(KRN O 77 R 0.1022215)	5606	(KRN C 4 R 0.153333)
5471	(KRN O 53 R 0.076666)	5539	(KRN C O R 0.076666)	5607	(KRN C 5 R 0.153333)
5472	(KRN O 57 R 0.1022215)	5540	(KRN C 1 R 0.1022215)	5608	(KRN C 6 R 0.153333)
5473	(KRN O 74 R 0.1022215)	5541	(KRN C 2 R 0.1022215)	5609	(KRN C 7 R 0.153333)
5474	(KRN O 76 R 0.1022215)	5542	(KRN C 3 R 0.1022215)	5610	(KRN C 8 R 0.153333)
5475	(STOP)	5543	(KRN C 4 R 0.076666)	5611	(KRN C 9 R 0.153333)
5476	(LABEL C H)	5544	(KRN C 5 R 0.1022215)	5612	(KRN O 43 R 0.153333)
5477	(LABEL C I)	5545	(KRN C 6 R 0.076666)	5613	(KRN O 45 R 0.153333)
5478	(LABEL C J)	5546	(KRN C 7 R 0.1022215)	5614	(KRN O 100 R 0.153333)
5479	(LABEL C M)	5547	(KRN C 8 R 0.1022215)	5615	(KRN O 52 R 0.076666)
5480	(LABEL C N)	5548	(KRN C 9 R 0.1022215)	5616	(KRN O 53 R 0.076666)



5617	(KRN 0 57 R 0.153333)	5685	(CHARIC R 0.111112)	5753	(CHARHT R 0.694445)
5618	(KRN 0 74 R 0.153333)	5686	(MAP	5754	(MAP
5619	(KRN 0 76 R 0.153333)	5687	(SELECTFONT D 0)	5755	(SELECTFONT D 0)
5620	(STOP))	5688	(SETCHAR 0 11))	5756	(SETCHAR 0 22))
5621	(CHARACTER 0 0	5689	(CHARACTER 0 12	5757	(CHARACTER 0 23
5622	(CHARWD R 0.627218)	5690	(CHARWD R 0.715551)	5758	(CHARWD R 0.511108)
5623	(CHARHT R 0.683332)	5691	(CHARHT R 0.683332)	5759	(CHARHT R 0.694445)
5624	(CHARIC R 0.133055)	5692	(CHARIC R 0.10257)	5760	(CHARIC R 0.096945)
5625	(MAP	5693	(MAP	5761	(MAP
5626	(SELECTFONT D 0)	5694	(SELECTFONT D 0)	5762	(SELECTFONT D 0)
5627	(SETCHAR 0 0))	5695	(SETCHAR 0 12))	5763	(SETCHAR 0 23))
5628	(CHARACTER 0 1	5696	(CHARACTER 0 13	5764	(CHARACTER 0 24
5629	(CHARWD R 0.817774)	5697	(CHARWD R 0.61333)	5765	(CHARWD R 0.511108)
5630	(CHARHT R 0.683332)	5698	(CHARHT R 0.694445)	5766	(CHARHT R 0.628473)
5631	(MAP	5699	(CHARDP R 0.194445)	5767	(CHARIC R 0.0829525)
5632	(SELECTFONT D 0)	5700	(CHARIC R 0.211945)	5768	(MAP
5633	(SETCHAR 0 1))	5701	(MAP	5769	(SELECTFONT D 0)
5634	(CHARACTER 0 2	5702	(SELECTFONT D 0)	5770	(SETCHAR 0 24))
5635	(CHARWD R 0.766663)	5703	(SETCHAR 0 13))	5771	(CHARACTER 0 25
5636	(CHARHT R 0.683332)	5704	(CHARACTER 0 14	5772	(CHARWD R 0.511108)
5637	(CHARIC R 0.0940275)	5705	(CHARWD R 0.56222)	5773	(CHARHT R 0.694445)
5638	(MAP	5706	(CHARHT R 0.694445)	5774	(CHARIC R 0.108057)
5639	(SELECTFONT D 0)	5707	(CHARDP R 0.194445)	5775	(MAP
5640	(SETCHAR 0 2))	5708	(CHARIC R 0.103334)	5776	(SELECTFONT D 0)
5641	(CHARACTER 0 3	5709	(MAP	5777	(SETCHAR 0 25))
5642	(CHARWD R 0.692218)	5710	(SELECTFONT D 0)	5778	(CHARACTER 0 26
5643	(CHARHT R 0.683332)	5711	(SETCHAR 0 14))	5779	(CHARWD R 0.511108)
5644	(MAP	5712	(CHARACTER 0 15	5780	(CHARHT R 0.561666)
5645	(SELECTFONT D 0)	5713	(CHARWD R 0.587774)	5781	(CHARIC R 0.103334)
5646	(SETCHAR 0 3))	5714	(CHARHT R 0.694445)	5782	(MAP
5647	(CHARACTER 0 4	5715	(CHARDP R 0.194445)	5783	(SELECTFONT D 0)
5648	(CHARWD R 0.664441)	5716	(CHARIC R 0.103334)	5784	(SETCHAR 0 26))
5649	(CHARHT R 0.683332)	5717	(MAP	5785	(CHARACTER 0 27
5650	(CHARIC R 0.152944)	5718	(SELECTFONT D 0)	5786	(CHARWD R 0.831291)
5651	(MAP	5719	(SETCHAR 0 15))	5787	(CHARHT R 0.694445)
5652	(SELECTFONT D 0)	5720	(CHARACTER 0 16	5788	(MAP
5653	(SETCHAR 0 4))	5721	(CHARWD R 0.881662)	5789	(SELECTFONT D 0)
5654	(CHARACTER 0 5	5722	(CHARHT R 0.694445)	5790	(SETCHAR 0 27))
5655	(CHARWD R 0.743329)	5723	(CHARDP R 0.194445)	5791	(CHARACTER 0 30
5656	(CHARHT R 0.683332)	5724	(CHARIC R 0.103334)	5792	(CHARWD R 0.459997)
5657	(CHARIC R 0.16389)	5725	(MAP	5793	(CHARDP R 0.170138)
5658	(MAP	5726	(SELECTFONT D 0)	5794	(MAP
5659	(SELECTFONT D 0)	5727	(SETCHAR 0 16))	5795	(SELECTFONT D 0)
5660	(SETCHAR 0 5))	5728	(CHARACTER 0 17	5796	(SETCHAR 0 30))
5661	(CHARACTER 0 6	5729	(CHARWD R 0.89444)	5797	(CHARACTER 0 31
5662	(CHARWD R 0.715551)	5730	(CHARHT R 0.694445)	5798	(CHARWD R 0.536664)
5663	(CHARHT R 0.683332)	5731	(CHARDP R 0.194445)	5799	(CHARHT R 0.694445)
5664	(CHARIC R 0.120277)	5732	(CHARIC R 0.103334)	5800	(CHARDP R 0.194445)
5665	(MAP	5733	(MAP	5801	(CHARIC R 0.105138)
5666	(SELECTFONT D 0)	5734	(SELECTFONT D 0)	5802	(MAP
5667	(SETCHAR 0 6))	5735	(SETCHAR 0 17))	5803	(SELECTFONT D 0)
5668	(CHARACTER 0 7	5736	(CHARACTER 0 20	5804	(SETCHAR 0 31))
5669	(CHARWD R 0.766663)	5737	(CHARWD R 0.306665)	5805	(CHARACTER 0 32
5670	(CHARHT R 0.683332)	5738	(CHARHT R 0.430555)	5806	(CHARWD R 0.715551)
5671	(CHARIC R 0.111112)	5739	(CHARIC R 0.076714)	5807	(CHARHT R 0.430555)
5672	(MAP	5740	(MAP	5808	(CHARIC R 0.075139)
5673	(SELECTFONT D 0)	5741	(SELECTFONT D 0)	5809	(MAP
5674	(SETCHAR 0 7))	5742	(SETCHAR 0 20))	5810	(SELECTFONT D 0)
5675	(CHARACTER 0 10	5743	(CHARACTER 0 21	5811	(SETCHAR 0 32))
5676	(CHARWD R 0.715551)	5744	(CHARWD R 0.33222)	5812	(CHARACTER 0 33
5677	(CHARHT R 0.683332)	5745	(CHARHT R 0.430555)	5813	(CHARWD R 0.715551)
5678	(CHARIC R 0.059862)	5746	(CHARDP R 0.194445)	5814	(CHARHT R 0.430555)
5679	(MAP	5747	(CHARIC R 0.037361)	5815	(CHARIC R 0.075139)
5680	(SELECTFONT D 0)	5748	(MAP	5816	(MAP
5681	(SETCHAR 0 10))	5749	(SELECTFONT D 0)	5817	(SELECTFONT D 0)
5682	(CHARACTER 0 11	5750	(SETCHAR 0 21))	5818	(SETCHAR 0 33))
5683	(CHARWD R 0.766663)	5751	(CHARACTER 0 22	5819	(CHARACTER 0 34
5684	(CHARHT R 0.683332)	5752	(CHARWD R 0.511108)	5820	(CHARWD R 0.511108)

5821	(CHARHT R 0.527779)	5835	(CHARWD R 0.984995)	5849	(CHARACTER O 40
5822	(CHARDP R 0.097223)	5836	(CHARHT R 0.683332)	5850	(CHARWD R 0.255554)
5823	(CHARIC R 0.091945)	5837	(CHARIC R 0.120277)	5851	(CHARHT R 0.430555)
5824	(MAP	5838	(MAP	5852	(MAP
5825	(SELECTFONT D 0)	5839	(SELECTFONT D 0)	5853	(SELECTFONT D 0)
5826	(SETCHAR O 34)))	5840	(SETCHAR O 36)))	5854	(SETCHAR O 40)))
5827	(CHARACTER O 35	5841	(CHARACTER O 37	5855	(CHARACTER O 41
5828	(CHARWD R 0.882772)	5842	(CHARWD R 0.766663)	5856	(CHARWD R 0.306665)
5829	(CHARHT R 0.683332)	5843	(CHARHT R 0.731944)	5857	(CHARHT R 0.694445)
5830	(CHARIC R 0.120277)	5844	(CHARDP R 0.048612)	5858	(MAP
5831	(MAP	5845	(CHARIC R 0.0940275)	5859	(SELECTFONT D 1)
5832	(SELECTFONT D 0)	5846	(MAP	5860	(MOVERIGHT R 0.01444300)
5833	(SETCHAR O 35)))	5847	(SELECTFONT D 0)	5861	
5834	(CHARACTER O 36	5848	(SETCHAR O 37)))		

The character “!” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

5862	(SETCHAR O 41)	5868	(MAP	5874	(CHARDP R 0.194443)
5863	(MOVERIGHT R 0.01444300))	5869	(SELECTFONT D 0)	5875	(MAP
5864	(CHARACTER O 42	5870	(SETCHAR O 42)))	5876	(SELECTFONT D 1)
5865	(CHARWD R 0.514442)	5871	(CHARACTER O 43	5877	(MOVELEFT R 0.00778100)
5866	(CHARHT R 0.694445)	5872	(CHARWD R 0.817774)	5878	
5867	(CHARIC R 0.0696125)	5873	(CHARHT R 0.694445)		

The character “#” width (8.33336pt from cmr10) has been adjusted by decreasing interletter space on 0.07781pt to match its width in cmtiup10

5879	(SETCHAR O 43)	5885	(SELECTFONT D 0)	5891	(MAP
5880	(MOVELEFT R 0.00778100))	5886	(SETCHAR O 44)))	5892	(SELECTFONT D 1)
5881	(CHARACTER O 44	5887	(CHARACTER O 45	5893	(MOVELEFT R 0.00778100)
5882	(CHARWD R 0.7690935)	5888	(CHARWD R 0.817774)	5894	
5883	(CHARHT R 0.694445)	5889	(CHARHT R 0.75)		
5884	(MAP	5890	(CHARDP R 0.055555)		

The character “%” width (8.33336pt from cmr10) has been adjusted by decreasing interletter space on 0.07781pt to match its width in cmtiup10

5895	(SETCHAR O 45)	5903	(SETCHAR O 46)))	5911	(CHARWD R 0.408887)
5896	(MOVELEFT R 0.00778100))	5904	(CHARACTER O 47	5912	(CHARHT R 0.75)
5897	(CHARACTER O 46	5905	(CHARWD R 0.306665)	5913	(CHARDP R 0.25)
5898	(CHARWD R 0.766663)	5906	(CHARHT R 0.694445)	5914	(MAP
5899	(CHARHT R 0.694445)	5907	(MAP	5915	(SELECTFONT D 1)
5900	(CHARIC R 0.096945)	5908	(SELECTFONT D 0)	5916	(MOVERIGHT R 0.00999850)
5901	(MAP	5909	(SETCHAR O 47)))	5917	
5902	(SELECTFONT D 0)	5910	(CHARACTER O 50		

The character “(” width (3.88890pt from cmr10) has been adjusted by increasing interletter space on 0.09998pt to match its width in cmtiup10

5918	(SETCHAR O 50)	5922	(CHARHT R 0.75)	5926	(MOVERIGHT R 0.00999850)
5919	(MOVERIGHT R 0.00999850))	5923	(CHARDP R 0.25)	5927	
5920	(CHARACTER O 51	5924	(MAP		
5921	(CHARWD R 0.408887)	5925	(SELECTFONT D 1)		

The character “)” width (3.88890pt from cmr10) has been adjusted by increasing interletter space on 0.09998pt to match its width in cmtiup10

5928	(SETCHAR 0 51)	5931	(CHARWD R 0.511108)	5934	(SELECTFONT D 1)
5929	(MOVERIGHT R 0.009995302))	5932	(CHARHT R 0.75)	5935	(MOVERIGHT R 0.00555300)
5930	(CHARACTER 0 52	5933	(MAP	5936	

The character “\*” width (5.00002pt from cmr10) has been adjusted by increasing interletter space on 0.05553pt to match its width in cmtiup10

5937	(SETCHAR 0 52)	5941	(CHARHT R 0.561666)	5945	(MOVELEFT R 0.00555900)
5938	(MOVERIGHT R 0.005553002))	5942	(CHARDP R 0.056665)	5946	
5939	(CHARACTER 0 53	5943	(MAP		
5940	(CHARWD R 0.766663)	5944	(SELECTFONT D 1)		

The character “+” width (7.77781pt from cmr10) has been adjusted by decreasing interletter space on 0.05559pt to match its width in cmtiup10

5947	(SETCHAR 0 53)	5951	(CHARHT R 0.105556)	5955	(MOVERIGHT R 0.01444300)
5948	(MOVELEFT R 0.005559002))	5952	(CHARDP R 0.194445)	5956	
5949	(CHARACTER 0 54	5953	(MAP		
5950	(CHARWD R 0.306665)	5954	(SELECTFONT D 1)		

The character “,” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

5957	(SETCHAR 0 54)	5963	(MAP	5969	(MAP
5958	(MOVERIGHT R 0.014443001))	5964	(SELECTFONT D 0)	5970	(SELECTFONT D 1)
5959	(CHARACTER 0 55	5965	(SETCHAR 0 55))	5971	(MOVERIGHT R 0.01444300)
5960	(CHARWD R 0.357776)	5966	(CHARACTER 0 56	5972	
5961	(CHARHT R 0.430555)	5967	(CHARWD R 0.306665)		
5962	(CHARIC R 0.028264)	5968	(CHARHT R 0.105556)		

The character “.” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

5973	(SETCHAR 0 56)	5977	(CHARHT R 0.75)	5981	(MOVERIGHT R 0.00555300)
5974	(MOVERIGHT R 0.014443008))	5978	(CHARDP R 0.25)	5982	
5975	(CHARACTER 0 57	5979	(MAP		
5976	(CHARWD R 0.511108)	5980	(SELECTFONT D 1)		

The character “/” width (5.00002pt from cmr10) has been adjusted by increasing interletter space on 0.05553pt to match its width in cmtiup10

5983	(SETCHAR 0 57)	5986	(CHARWD R 0.511108)	5989	(SELECTFONT D 1)
5984	(MOVERIGHT R 0.005553007))	5987	(CHARHT R 0.644444)	5990	(MOVERIGHT R 0.00555300)
5985	(CHARACTER C 0	5988	(MAP	5991	

The character “0” width (5.00002pt from cmr10) has been adjusted by increasing interletter space on 0.05553pt to match its width in cmtiup10

5992	(SETCHAR C 0)	5995	(CHARWD R 0.511108)	5998	(SELECTFONT D 1)
5993	(MOVERIGHT R 0.005553000))	5996	(CHARHT R 0.644444)	5999	(MOVERIGHT R 0.00555300)
5994	(CHARACTER C 1	5997	(MAP	6000	

The character “1” width (5.00002pt from cmr10) has been adjusted by increasing interletter space on 0.05553pt to match its width in cmtiup10

6001	(SETCHAR C 1)	6004	(CHARWD R 0.511108)	6007	(SELECTFONT D 1)
6002	(MOVERIGHT R 0.005553003))		(CHARHT R 0.6444444)	6008	(MOVERIGHT R 0.00555300)
6003 (CHARACTER C 2		6006	(MAP	6009	

The character “2” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6010	(SETCHAR C 2)	6013	(CHARWD R 0.511108)	6016	(SELECTFONT D 1)
6011	(MOVERIGHT R 0.005553001))		(CHARHT R 0.6444444)	6017	(MOVERIGHT R 0.00555300)
6012 (CHARACTER C 3		6015	(MAP	6018	

The character “3” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6019	(SETCHAR C 3)	6022	(CHARWD R 0.511108)	6025	(SELECTFONT D 1)
6020	(MOVERIGHT R 0.005553003))		(CHARHT R 0.6444444)	6026	(MOVERIGHT R 0.00555300)
6021 (CHARACTER C 4		6024	(MAP	6027	

The character “4” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6028	(SETCHAR C 4)	6031	(CHARWD R 0.511108)	6034	(SELECTFONT D 1)
6029	(MOVERIGHT R 0.005553002))		(CHARHT R 0.6444444)	6035	(MOVERIGHT R 0.00555300)
6030 (CHARACTER C 5		6033	(MAP	6036	

The character “5” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6037	(SETCHAR C 5)	6040	(CHARWD R 0.511108)	6043	(SELECTFONT D 1)
6038	(MOVERIGHT R 0.005553001))		(CHARHT R 0.6444444)	6044	(MOVERIGHT R 0.00555300)
6039 (CHARACTER C 6		6042	(MAP	6045	

The character “6” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6046	(SETCHAR C 6)	6049	(CHARWD R 0.511108)	6052	(SELECTFONT D 1)
6047	(MOVERIGHT R 0.005553000))		(CHARHT R 0.6444444)	6053	(MOVERIGHT R 0.00555300)
6048 (CHARACTER C 7		6051	(MAP	6054	

The character “7” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6055	(SETCHAR C 7)	6058	(CHARWD R 0.511108)	6061	(SELECTFONT D 1)
6056	(MOVERIGHT R 0.005553009))		(CHARHT R 0.6444444)	6062	(MOVERIGHT R 0.00555300)
6057 (CHARACTER C 8		6060	(MAP	6063	

The character “8” width (5.00002pt from `cmr10`) has been adjusted by increasing interletter space on 0.05553pt to match its width in `cmtiup10`

6064	(SETCHAR C 8)	6067	(CHARWD R 0.511108)	6070	(SELECTFONT D 1)
6065	(MOVERIGHT R 0.005553008))	6068	(CHARHT R 0.644444)	6071	(MOVERIGHT R 0.00555300)
6066	(CHARACTER C 9	6069	(MAP	6072	

The character “9” width (5.00002pt from cmr10) has been adjusted by increasing interletter space on 0.05553pt to match its width in cmtiup10

6073	(SETCHAR C 9)	6076	(CHARWD R 0.306665)	6079	(SELECTFONT D 1)
6074	(MOVERIGHT R 0.005553007))	6077	(CHARHT R 0.430555)	6080	(MOVERIGHT R 0.01444300)
6075	(CHARACTER O 72	6078	(MAP	6081	

The character “:” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

6082	(SETCHAR O 72)	6086	(CHARHT R 0.430555)	6090	(MOVERIGHT R 0.01444300)
6083	(MOVERIGHT R 0.014443007))	6087	(CHARDP R 0.194445)	6091	
6084	(CHARACTER O 73	6088	(MAP		
6085	(CHARWD R 0.306665)	6089	(SELECTFONT D 1)		

The character “;” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

6092	(SETCHAR O 73)	6096	(CHARHT R 0.5)	6100	(MOVERIGHT R 0.01444300)
6093	(MOVERIGHT R 0.014443007))	6097	(CHARDP R 0.194445)	6101	
6094	(CHARACTER O 74	6098	(MAP		
6095	(CHARWD R 0.306665)	6099	(SELECTFONT D 1)		

The character “j” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

6102	(SETCHAR O 74)	6106	(CHARHT R 0.366875)	6110	(MOVELEFT R 0.00555900)
6103	(MOVERIGHT R 0.014443007))	6107	(CHARDP R -0.133125)	6111	
6104	(CHARACTER O 75	6108	(MAP		
6105	(CHARWD R 0.766663)	6109	(SELECTFONT D 1)		

The character “=” width (7.77781pt from cmr10) has been adjusted by decreasing interletter space on 0.05559pt to match its width in cmtiup10

6112	(SETCHAR O 75)	6116	(CHARHT R 0.5)	6120	(MOVERIGHT R 0.01944200)
6113	(MOVELEFT R 0.0055590017))	6117	(CHARDP R 0.194445)	6121	
6114	(CHARACTER O 76	6118	(MAP		
6115	(CHARWD R 0.511108)	6119	(SELECTFONT D 1)		

The character “¿” width (4.72224pt from cmr10) has been adjusted by increasing interletter space on 0.19442pt to match its width in cmtiup10

6122	(SETCHAR O 76)	6125	(CHARWD R 0.511108)	6128	(SELECTFONT D 1)
6123	(MOVERIGHT R 0.019442006))	6126	(CHARHT R 0.694445)	6129	(MOVERIGHT R 0.01944200)
6124	(CHARACTER O 77	6127	(MAP	6130	

The character “?” width (4.72224pt from cmr10) has been adjusted by increasing interletter space on 0.19442pt to match its width in cmtiup10

6131	(SETCHAR O 77)	6134	(CHARWD R 0.766663)	6137	(SELECTFONT D 1)
6132	(MOVELEFT R 0.019442083))	6135	(CHARHT R 0.694445)	6138	(MOVELEFT R 0.00555900)
6133	(CHARACTER O 100	6136	(MAP	6139	

The character “@” width (7.77781pt from cmr10) has been adjusted by decreasing interletter space on 0.05559pt to match its width in cmtiup10

6140	(SETCHAR O 100)	6199	(CHARHT R 0.683332)	6258	(SELECTFONT D O)
6141	(MOVELEFT R 0.005559000))	6200	(CHARIC R 0.158055)	6259	(SETCHAR C Q)))
6142	(CHARACTER C A	6201	(MAP	6260	(CHARACTER C R
6143	(CHARWD R 0.743329)	6202	(SELECTFONT D O)	6261	(CHARWD R 0.729441)
6144	(CHARHT R 0.683332)	6203	(SETCHAR C I)))	6262	(CHARHT R 0.683332)
6145	(MAP	6204	(CHARACTER C J	6263	(CHARIC R 0.038681)
6146	(SELECTFONT D O)	6205	(CHARWD R 0.524997)	6264	(MAP
6147	(SETCHAR C A)))	6206	(CHARHT R 0.683332)	6265	(SELECTFONT D O)
6148	(CHARACTER C B	6207	(CHARIC R 0.140279)	6266	(SETCHAR C R)))
6149	(CHARWD R 0.703885)	6208	(MAP	6267	(CHARACTER C S
6150	(CHARHT R 0.683332)	6209	(SELECTFONT D O)	6268	(CHARWD R 0.56222)
6151	(CHARIC R 0.10257)	6210	(SETCHAR C J)))	6269	(CHARHT R 0.683332)
6152	(MAP	6211	(CHARACTER C K	6270	(CHARIC R 0.119722)
6153	(SELECTFONT D O)	6212	(CHARWD R 0.768885)	6271	(MAP
6154	(SETCHAR C B)))	6213	(CHARHT R 0.683332)	6272	(SELECTFONT D O)
6155	(CHARACTER C C	6214	(CHARIC R 0.145277)	6273	(SETCHAR C S)))
6156	(CHARWD R 0.715551)	6215	(MAP	6274	(CHARACTER C T
6157	(CHARHT R 0.683332)	6216	(SELECTFONT D O)	6275	(CHARWD R 0.715551)
6158	(CHARIC R 0.145277)	6217	(SETCHAR C K)))	6276	(CHARHT R 0.683332)
6159	(MAP	6218	(CHARACTER C L	6277	(CHARIC R 0.133055)
6160	(SELECTFONT D O)	6219	(CHARWD R 0.627218)	6278	(MAP
6161	(SETCHAR C C)))	6220	(CHARHT R 0.683332)	6279	(SELECTFONT D O)
6162	(CHARACTER C D	6221	(MAP	6280	(SETCHAR C T)))
6163	(CHARWD R 0.754995)	6222	(SELECTFONT D O)	6281	(CHARACTER C U
6164	(CHARHT R 0.683332)	6223	(SETCHAR C L)))	6282	(CHARWD R 0.743329)
6165	(CHARIC R 0.0940275)	6224	(CHARACTER C M	6283	(CHARHT R 0.683332)
6166	(MAP	6225	(CHARWD R 0.896662)	6284	(CHARIC R 0.16389)
6167	(SELECTFONT D O)	6226	(CHARHT R 0.683332)	6285	(MAP
6168	(SETCHAR C D)))	6227	(CHARIC R 0.16389)	6286	(SELECTFONT D O)
6169	(CHARACTER C E	6228	(MAP	6287	(SETCHAR C U)))
6170	(CHARWD R 0.678329)	6229	(SELECTFONT D O)	6288	(CHARACTER C V
6171	(CHARHT R 0.683332)	6230	(SETCHAR C M)))	6289	(CHARWD R 0.743329)
6172	(CHARIC R 0.120277)	6231	(CHARACTER C N	6290	(CHARHT R 0.683332)
6173	(MAP	6232	(CHARWD R 0.743329)	6291	(CHARIC R 0.183611)
6174	(SELECTFONT D O)	6233	(CHARHT R 0.683332)	6292	(MAP
6175	(SETCHAR C E)))	6234	(CHARIC R 0.16389)	6293	(SELECTFONT D O)
6176	(CHARACTER C F	6235	(MAP	6294	(SETCHAR C V)))
6177	(CHARWD R 0.652774)	6236	(SELECTFONT D O)	6295	(CHARACTER C W
6178	(CHARHT R 0.683332)	6237	(SETCHAR C N)))	6296	(CHARWD R 0.998883)
6179	(CHARIC R 0.133055)	6238	(CHARACTER C O	6297	(CHARHT R 0.683332)
6180	(MAP	6239	(CHARWD R 0.766663)	6298	(CHARIC R 0.183611)
6181	(SELECTFONT D O)	6240	(CHARHT R 0.683332)	6299	(MAP
6182	(SETCHAR C F)))	6241	(CHARIC R 0.0940275)	6300	(SELECTFONT D O)
6183	(CHARACTER C G	6242	(MAP	6301	(SETCHAR C W)))
6184	(CHARWD R 0.773607)	6243	(SELECTFONT D O)	6302	(CHARACTER C X
6185	(CHARHT R 0.683332)	6244	(SETCHAR C O)))	6303	(CHARWD R 0.743329)
6186	(CHARIC R 0.087222)	6245	(CHARACTER C P	6304	(CHARHT R 0.683332)
6187	(MAP	6246	(CHARWD R 0.678329)	6305	(CHARIC R 0.158055)
6188	(SELECTFONT D O)	6247	(CHARHT R 0.683332)	6306	(MAP
6189	(SETCHAR C G)))	6248	(CHARIC R 0.10257)	6307	(SELECTFONT D O)
6190	(CHARACTER C H	6249	(MAP	6308	(SETCHAR C X)))
6191	(CHARWD R 0.743329)	6250	(SELECTFONT D O)	6309	(CHARACTER C Y
6192	(CHARHT R 0.683332)	6251	(SETCHAR C P)))	6310	(CHARWD R 0.743329)
6193	(CHARIC R 0.16389)	6252	(CHARACTER C Q	6311	(CHARHT R 0.683332)
6194	(MAP	6253	(CHARWD R 0.766663)	6312	(CHARIC R 0.193832)
6195	(SELECTFONT D O)	6254	(CHARHT R 0.683332)	6313	(MAP
6196	(SETCHAR C H)))	6255	(CHARDP R 0.194445)	6314	(SELECTFONT D O)
6197	(CHARACTER C I	6256	(CHARIC R 0.0940275)	6315	(SETCHAR C Y)))
6198	(CHARWD R 0.385553)	6257	(MAP	6316	(CHARACTER C Z

6317	(CHARWD R 0.61333)	6322	(SETCHAR C Z)))	6327	(MAP
6318	(CHARHT R 0.683332)	6323	(CHARACTER O 133	6328	(SELECTFONT D 1)
6319	(CHARIC R 0.145277)	6324	(CHARWD R 0.306665)	6329	(MOVERIGHT R 0.01444300)
6320	(MAP	6325	(CHARHT R 0.75)	6330	
6321	(SELECTFONT D 0)	6326	(CHARDP R 0.25)		

The character “[” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

6331	(SETCHAR O 133)	6337	(MAP	6343	(CHARDP R 0.25)
6332	(MOVERIGHT R 0.01444300))		(SELECTFONT D 0)	6344	(MAP
6333	(CHARACTER O 134	6339	(SETCHAR O 134)))	6345	(SELECTFONT D 1)
6334	(CHARWD R 0.514442)	6340	(CHARACTER O 135	6346	(MOVERIGHT R 0.01444300)
6335	(CHARHT R 0.694445)	6341	(CHARWD R 0.306665)	6347	
6336	(CHARIC R 0.1685)	6342	(CHARHT R 0.75)		

The character “]” width (2.77779pt from cmr10) has been adjusted by increasing interletter space on 0.14443pt to match its width in cmtiup10

6348	(SETCHAR O 135)	6392	(CHARWD R 0.511108)	6436	(CHARWD R 0.306665)
6349	(MOVERIGHT R 0.01444300))	6393	(CHARHT R 0.694445)	6437	(CHARHT R 0.655359)
6350	(CHARACTER O 136	6394	(CHARIC R 0.103334)	6438	(CHARDP R 0.194445)
6351	(CHARWD R 0.511108)	6395	(MAP	6439	(CHARIC R 0.144673)
6352	(CHARHT R 0.694445)	6396	(SELECTFONT D 0)	6440	(MAP
6353	(CHARIC R 0.06646)	6397	(SETCHAR C d)))	6441	(SELECTFONT D 0)
6354	(MAP	6398	(CHARACTER C e	6442	(SETCHAR C j)))
6355	(SELECTFONT D 0)	6399	(CHARWD R 0.459997)	6443	(CHARACTER C k
6356	(SETCHAR O 136)))	6400	(CHARHT R 0.430555)	6444	(CHARWD R 0.459997)
6357	(CHARACTER O 137	6401	(CHARIC R 0.075139)	6445	(CHARHT R 0.694445)
6358	(CHARWD R 0.306665)	6402	(MAP	6446	(CHARIC R 0.107638)
6359	(CHARHT R 0.667859)	6403	(SELECTFONT D 0)	6447	(MAP
6360	(CHARIC R 0.117521)	6404	(SETCHAR C e)))	6448	(SELECTFONT D 0)
6361	(MAP	6405	(CHARACTER C f	6449	(SETCHAR C k)))
6362	(SELECTFONT D 0)	6406	(CHARWD R 0.306665)	6450	(CHARACTER C l
6363	(SETCHAR O 137)))	6407	(CHARHT R 0.694445)	6451	(CHARWD R 0.255554)
6364	(CHARACTER O 140	6408	(CHARDP R 0.194445)	6452	(CHARHT R 0.694445)
6365	(CHARWD R 0.306665)	6409	(CHARIC R 0.211945)	6453	(CHARIC R 0.103334)
6366	(CHARHT R 0.694445)	6410	(MAP	6454	(MAP
6367	(MAP	6411	(SELECTFONT D 0)	6455	(SELECTFONT D 0)
6368	(SELECTFONT D 0)	6412	(SETCHAR C f)))	6456	(SETCHAR C l)))
6369	(SETCHAR O 140)))	6413	(CHARACTER C g	6457	(CHARACTER C m
6370	(CHARACTER C a	6414	(CHARWD R 0.459997)	6458	(CHARWD R 0.817774)
6371	(CHARWD R 0.511108)	6415	(CHARHT R 0.430555)	6459	(CHARHT R 0.430555)
6372	(CHARHT R 0.430555)	6416	(CHARDP R 0.194445)	6460	(CHARIC R 0.076714)
6373	(CHARIC R 0.076714)	6417	(CHARIC R 0.088472)	6461	(MAP
6374	(MAP	6418	(MAP	6462	(SELECTFONT D 0)
6375	(SELECTFONT D 0)	6419	(SELECTFONT D 0)	6463	(SETCHAR C m)))
6376	(SETCHAR C a)))	6420	(SETCHAR C g)))	6464	(CHARACTER C n
6377	(CHARACTER C b	6421	(CHARACTER C h	6465	(CHARWD R 0.56222)
6378	(CHARWD R 0.459997)	6422	(CHARWD R 0.511108)	6466	(CHARHT R 0.430555)
6379	(CHARHT R 0.694445)	6423	(CHARHT R 0.694445)	6467	(CHARIC R 0.076714)
6380	(CHARIC R 0.063124)	6424	(CHARIC R 0.076714)	6468	(MAP
6381	(MAP	6425	(MAP	6469	(SELECTFONT D 0)
6382	(SELECTFONT D 0)	6426	(SELECTFONT D 0)	6470	(SETCHAR C n)))
6383	(SETCHAR C b)))	6427	(SETCHAR C h)))	6471	(CHARACTER C o
6384	(CHARACTER C c	6428	(CHARACTER C i	6472	(CHARWD R 0.511108)
6385	(CHARWD R 0.459997)	6429	(CHARWD R 0.306665)	6473	(CHARHT R 0.430555)
6386	(CHARHT R 0.430555)	6430	(CHARHT R 0.655359)	6474	(CHARIC R 0.063124)
6387	(CHARIC R 0.056528)	6431	(CHARIC R 0.101896)	6475	(MAP
6388	(MAP	6432	(MAP	6476	(SELECTFONT D 0)
6389	(SELECTFONT D 0)	6433	(SELECTFONT D 0)	6477	(SETCHAR C o)))
6390	(SETCHAR C c)))	6434	(SETCHAR C i)))	6478	(CHARACTER C p
6391	(CHARACTER C d	6435	(CHARACTER C j	6479	(CHARWD R 0.511108)

6480	(CHARHT R 0.430555)	6519	(MAP	6558	(CHARACTER O 173
6481	(CHARDP R 0.194445)	6520	(SELECTFONT D O)	6559	(CHARWD R 0.511108)
6482	(CHARIC R 0.063124)	6521	(SETCHAR C u)))	6560	(CHARHT R 0.430555)
6483	(MAP	6522	(CHARACTER C v	6561	(CHARIC R 0.092079)
6484	(SELECTFONT D O)	6523	(CHARWD R 0.459997)	6562	(MAP
6485	(SETCHAR C p)))	6524	(CHARHT R 0.430555)	6563	(SELECTFONT D O)
6486	(CHARACTER C q	6525	(CHARIC R 0.107638)	6564	(SETCHAR O 173)))
6487	(CHARWD R 0.459997)	6526	(MAP	6565	(CHARACTER O 174
6488	(CHARHT R 0.430555)	6527	(SELECTFONT D O)	6566	(CHARWD R 1.022217)
6489	(CHARDP R 0.194445)	6528	(SETCHAR C v)))	6567	(CHARHT R 0.430555)
6490	(CHARIC R 0.088472)	6529	(CHARACTER C w	6568	(CHARIC R 0.092079)
6491	(MAP	6530	(CHARWD R 0.664441)	6569	(MAP
6492	(SELECTFONT D O)	6531	(CHARHT R 0.430555)	6570	(SELECTFONT D O)
6493	(SETCHAR C q)))	6532	(CHARIC R 0.107638)	6571	(SETCHAR O 174)))
6494	(CHARACTER C r	6533	(MAP	6572	(CHARACTER O 175
6495	(CHARWD R 0.421664)	6534	(SELECTFONT D O)	6573	(CHARWD R 0.511108)
6496	(CHARHT R 0.430555)	6535	(SETCHAR C w)))	6574	(CHARHT R 0.694445)
6497	(CHARIC R 0.107638)	6536	(CHARACTER C x	6575	(CHARIC R 0.1225)
6498	(MAP	6537	(CHARWD R 0.463887)	6576	(MAP
6499	(SELECTFONT D O)	6538	(CHARHT R 0.430555)	6577	(SELECTFONT D O)
6500	(SETCHAR C r)))	6539	(CHARIC R 0.120417)	6578	(SETCHAR O 175)))
6501	(CHARACTER C s	6540	(MAP	6579	(CHARACTER O 176
6502	(CHARWD R 0.408887)	6541	(SELECTFONT D O)	6580	(CHARWD R 0.511108)
6503	(CHARHT R 0.430555)	6542	(SETCHAR C x)))	6581	(CHARHT R 0.667859)
6504	(CHARIC R 0.082083)	6543	(CHARACTER C y	6582	(CHARIC R 0.115854)
6505	(MAP	6544	(CHARWD R 0.485553)	6583	(MAP
6506	(SELECTFONT D O)	6545	(CHARHT R 0.430555)	6584	(SELECTFONT D O)
6507	(SETCHAR C s)))	6546	(CHARDP R 0.194445)	6585	(SETCHAR O 176)))
6508	(CHARACTER C t	6547	(CHARIC R 0.088472)	6586	(CHARACTER O 177
6509	(CHARWD R 0.33222)	6548	(MAP	6587	(CHARWD R 0.511108)
6510	(CHARHT R 0.61508)	6549	(SELECTFONT D O)	6588	(CHARHT R 0.667859)
6511	(CHARIC R 0.094861)	6550	(SETCHAR C y)))	6589	(CHARIC R 0.104744)
6512	(MAP	6551	(CHARACTER C z	6590	(MAP
6513	(SELECTFONT D O)	6552	(CHARWD R 0.408887)	6591	(SELECTFONT D O)
6514	(SETCHAR C t)))	6553	(CHARHT R 0.430555)	6592	(SETCHAR O 177)))
6515	(CHARACTER C u	6554	(CHARIC R 0.122917)	6593	
6516	(CHARWD R 0.536664)	6555	(MAP	6594	(/cmtiup10vpl)
6517	(CHARHT R 0.430555)	6556	(SELECTFONT D O)	6595	
6518	(CHARIC R 0.076714)	6557	(SETCHAR C z)))		

## 6.5 File cmtiup12.vpl

6596 (\*cmtiup12vpl)  
6597 (VTITLE cmti12 with unslanted punctuation from cmr12 by SVZ, v.1.2 2001/01/08)

6598	(FAMILY CMTI UNSLPUNCT)	6619	(FONTAT R 1.0)	6640	(LABEL O 41)
6599	(FACE O 346)	6620	(FONTSIZE R 12.0))	6641	(LIG O 140 O 74)
6600	(CODINGScheme TEX TEXT)	6621	(LIGTABLE	6642	(STOP)
6601	(DESIGNSIZE R 12.0)	6622	(LABEL O 40)	6643	(LABEL O 77)
6602	(CHECKSUM O 23356704100)	6623	(KRN C 1 R -0.250003)	6644	(LIG O 140 O 76)
6603	(FONTDIMEN	6624	(KRN C L R -0.31343)	6645	(STOP)
6604	(SLANT R 0.25)	6625	(STOP)	6646	(LABEL C d)
6605	(SPACE R 0.350003)	6626	(LABEL O 140)	6647	(LABEL C l)
6606	(STRETCH R 0.150002)	6627	(LIG O 140 O 134)	6648	(LABEL C w)
6607	(SHRINK R 0.100001)	6628	(STOP)	6649	(KRN C 1 R 0.05)
6608	(XHEIGHT R 0.430556)	6629	(LABEL O 47)	6650	(KRN O 72 R 0.075001)
6609	(QUAD R 1.0000105)	6630	(LIG O 47 O 42)	6651	(KRN O 73 R 0.075001)
6610	(EXTRASPACE R 0.100001))	6631	(KRN O 77 R 0.100001)	6652	(KRN O 41 R 0.100001)
6611	(MAPFONT D O	6632	(KRN O 41 R 0.100001)	6653	(KRN O 50 R 0.100001)
6612	(FONTNAME cmti12)	6633	(STOP)	6654	(KRN O 51 R 0.100001)
6613	(FONTCHECKSUM O 23356704100)	6634	(LABEL O 55)	6655	(KRN O 135 R 0.100001)
6614	(FONTAT R 1.0)	6635	(LIG O 55 O 173)	6656	(KRN O 133 R 0.100001)
6615	(FONTSIZE R 12.0))	6636	(STOP)	6657	(KRN O 77 R 0.100001)
6616	(MAPFONT D 1	6637	(LABEL O 173)	6658	(KRN C O R 0.075001)
6617	(FONTNAME cmr12)	6638	(LIG O 55 O 174)	6659	(KRN C 1 R 0.100001)
6618	(FONTCHECKSUM O 130526504339)	6639	(STOP)	6660	(KRN C 2 R 0.100001)



6661	(KRN C 3 R 0.100001)	6729	(KRN O 73 R 0.150002)	6797	(KRN O 133 R 0.100001)
6662	(KRN C 4 R 0.075001)	6730	(KRN O 41 R 0.150002)	6798	(KRN O 77 R 0.100001)
6663	(KRN C 5 R 0.100001)	6731	(KRN O 50 R 0.150002)	6799	(KRN C 0 R 0.075001)
6664	(KRN C 6 R 0.075001)	6732	(KRN O 51 R 0.150002)	6800	(KRN C 1 R 0.100001)
6665	(KRN C 7 R 0.100001)	6733	(KRN O 135 R 0.150002)	6801	(KRN C 2 R 0.100001)
6666	(KRN C 8 R 0.100001)	6734	(KRN O 133 R 0.150002)	6802	(KRN C 3 R 0.100001)
6667	(KRN C 9 R 0.100001)	6735	(KRN O 77 R 0.150002)	6803	(KRN C 4 R 0.075001)
6668	(KRN O 43 R 0.100001)	6736	(KRN C 0 R 0.150002)	6804	(KRN C 5 R 0.100001)
6669	(KRN O 45 R 0.075001)	6737	(KRN C 1 R 0.150002)	6805	(KRN C 6 R 0.075001)
6670	(KRN O 100 R 0.100001)	6738	(KRN C 2 R 0.150002)	6806	(KRN C 7 R 0.100001)
6671	(KRN O 52 R 0.075001)	6739	(KRN C 3 R 0.150002)	6807	(KRN C 8 R 0.100001)
6672	(KRN O 53 R 0.075001)	6740	(KRN C 4 R 0.150002)	6808	(KRN C 9 R 0.100001)
6673	(KRN O 57 R 0.100001)	6741	(KRN C 5 R 0.150002)	6809	(KRN O 43 R 0.100001)
6674	(KRN O 74 R 0.100001)	6742	(KRN C 6 R 0.150002)	6810	(KRN O 45 R 0.075001)
6675	(KRN O 76 R 0.100001)	6743	(KRN C 7 R 0.150002)	6811	(KRN O 100 R 0.100001)
6676	(STOP)	6744	(KRN C 8 R 0.150002)	6812	(KRN O 52 R 0.075001)
6677	(LABEL C F)	6745	(KRN C 9 R 0.150002)	6813	(KRN O 53 R 0.075001)
6678	(LABEL C V)	6746	(KRN O 43 R 0.150002)	6814	(KRN O 57 R 0.100001)
6679	(KRN C o R -0.075001)	6747	(KRN O 45 R 0.150002)	6815	(KRN O 74 R 0.100001)
6680	(KRN C e R -0.075001)	6748	(KRN O 100 R 0.150002)	6816	(KRN O 76 R 0.100001)
6681	(KRN C u R -0.075001)	6749	(KRN O 52 R 0.075001)	6817	(STOP)
6682	(KRN C r R -0.075001)	6750	(KRN O 53 R 0.075001)	6818	(LABEL C A)
6683	(KRN C a R -0.075001)	6751	(KRN O 57 R 0.150002)	6819	(KRN C n R -0.025001)
6684	(KRN C A R -0.100001)	6752	(KRN O 74 R 0.150002)	6820	(KRN C 1 R -0.025001)
6685	(LABEL C K)	6753	(KRN O 76 R 0.150002)	6821	(KRN C r R -0.025001)
6686	(LABEL C X)	6754	(STOP)	6822	(KRN C u R -0.025001)
6687	(KRN C 0 R -0.025001)	6755	(LABEL C P)	6823	(KRN C m R -0.025001)
6688	(KRN C C R -0.025001)	6756	(KRN C A R -0.075001)	6824	(KRN C t R -0.025001)
6689	(KRN C G R -0.025001)	6757	(KRN O 72 R 0.075001)	6825	(KRN C i R -0.025001)
6690	(KRN C Q R -0.025001)	6758	(KRN O 73 R 0.075001)	6826	(KRN C C R -0.025001)
6691	(KRN O 72 R 0.075001)	6759	(KRN O 41 R 0.100001)	6827	(KRN C 0 R -0.025001)
6692	(KRN O 73 R 0.075001)	6760	(KRN O 50 R 0.100001)	6828	(KRN C G R -0.025001)
6693	(KRN O 41 R 0.100001)	6761	(KRN O 51 R 0.100001)	6829	(KRN C h R -0.025001)
6694	(KRN O 50 R 0.100001)	6762	(KRN O 135 R 0.100001)	6830	(KRN C b R -0.025001)
6695	(KRN O 51 R 0.100001)	6763	(KRN O 133 R 0.100001)	6831	(KRN C U R -0.025001)
6696	(KRN O 135 R 0.100001)	6764	(KRN O 77 R 0.100001)	6832	(KRN C k R -0.025001)
6697	(KRN O 133 R 0.100001)	6765	(KRN C 0 R 0.075001)	6833	(KRN C v R -0.025001)
6698	(KRN O 77 R 0.100001)	6766	(KRN C 1 R 0.100001)	6834	(KRN C w R -0.025001)
6699	(KRN C 0 R 0.075001)	6767	(KRN C 2 R 0.100001)	6835	(KRN C Q R -0.025001)
6700	(KRN C 1 R 0.100001)	6768	(KRN C 3 R 0.100001)	6836	(KRN C T R -0.075001)
6701	(KRN C 2 R 0.100001)	6769	(KRN C 4 R 0.075001)	6837	(KRN C Y R -0.075001)
6702	(KRN C 3 R 0.100001)	6770	(KRN C 5 R 0.100001)	6838	(KRN C V R -0.100001)
6703	(KRN C 4 R 0.075001)	6771	(KRN C 6 R 0.075001)	6839	(KRN C W R -0.100001)
6704	(KRN C 5 R 0.100001)	6772	(KRN C 7 R 0.100001)	6840	(KRN C e R -0.05)
6705	(KRN C 6 R 0.075001)	6773	(KRN C 8 R 0.100001)	6841	(KRN C a R -0.05)
6706	(KRN C 7 R 0.100001)	6774	(KRN C 9 R 0.100001)	6842	(KRN C o R -0.05)
6707	(KRN C 8 R 0.100001)	6775	(KRN O 43 R 0.100001)	6843	(KRN C d R -0.05)
6708	(KRN C 9 R 0.100001)	6776	(KRN O 45 R 0.075001)	6844	(KRN C c R -0.05)
6709	(KRN O 43 R 0.100001)	6777	(KRN O 100 R 0.100001)	6845	(KRN C g R -0.05)
6710	(KRN O 45 R 0.075001)	6778	(KRN O 52 R 0.075001)	6846	(KRN C q R -0.05)
6711	(KRN O 100 R 0.100001)	6779	(KRN O 53 R 0.075001)	6847	(KRN O 72 R 0.05)
6712	(KRN O 52 R 0.075001)	6780	(KRN O 57 R 0.100001)	6848	(KRN O 73 R 0.05)
6713	(KRN O 53 R 0.075001)	6781	(KRN O 74 R 0.100001)	6849	(KRN O 41 R 0.05)
6714	(KRN O 57 R 0.100001)	6782	(KRN O 76 R 0.100001)	6850	(KRN O 50 R 0.05)
6715	(KRN O 74 R 0.100001)	6783	(STOP)	6851	(KRN O 51 R 0.05)
6716	(KRN O 76 R 0.100001)	6784	(LABEL C D)	6852	(KRN O 135 R 0.05)
6717	(STOP)	6785	(LABEL C O)	6853	(KRN O 133 R 0.05)
6718	(LABEL C T)	6786	(KRN C X R -0.025001)	6854	(KRN O 77 R 0.05)
6719	(KRN C y R -0.075001)	6787	(KRN C W R -0.025001)	6855	(KRN C 0 R 0.05)
6720	(LABEL C Y)	6788	(KRN C A R -0.025001)	6856	(KRN C 1 R 0.05)
6721	(KRN C e R -0.075001)	6789	(KRN C V R -0.025001)	6857	(KRN C 2 R 0.05)
6722	(KRN C o R -0.075001)	6790	(KRN C Y R -0.025001)	6858	(KRN C 3 R 0.05)
6723	(KRN C r R -0.075001)	6791	(KRN O 72 R 0.075001)	6859	(KRN C 4 R 0.05)
6724	(KRN C a R -0.075001)	6792	(KRN O 73 R 0.075001)	6860	(KRN C 5 R 0.05)
6725	(KRN C u R -0.075001)	6793	(KRN O 41 R 0.100001)	6861	(KRN C 6 R 0.05)
6726	(LABEL C W)	6794	(KRN O 50 R 0.100001)	6862	(KRN C 7 R 0.05)
6727	(KRN C A R -0.075001)	6795	(KRN O 51 R 0.100001)	6863	(KRN C 8 R 0.05)
6728	(KRN O 72 R 0.150002)	6796	(KRN O 135 R 0.100001)	6864	(KRN C 9 R 0.05)

6865	(KRN 0 43 R 0.05)	6933	(LABEL C e)	7001	(LABEL C I)
6866	(KRN 0 45 R 0.05)	6934	(LABEL C o)	7002	(LABEL C J)
6867	(KRN 0 100 R 0.05)	6935	(LABEL C p)	7003	(LABEL C M)
6868	(KRN 0 52 R 0.05)	6936	(LABEL C r)	7004	(LABEL C N)
6869	(KRN 0 53 R 0.05)	6937	(KRN C e R -0.05)	7005	(LABEL C U)
6870	(KRN 0 57 R 0.05)	6938	(KRN C a R -0.05)	7006	(LABEL C Z)
6871	(KRN 0 74 R 0.05)	6939	(KRN C o R -0.05)	7007	(KRN 0 72 R 0.150002)
6872	(KRN 0 76 R 0.05)	6940	(KRN C d R -0.05)	7008	(KRN 0 73 R 0.150002)
6873	(STOP)	6941	(KRN C c R -0.05)	7009	(KRN 0 41 R 0.150002)
6874	(LABEL C R)	6942	(KRN C g R -0.05)	7010	(KRN 0 50 R 0.150002)
6875	(KRN C n R -0.025001)	6943	(KRN C q R -0.05)	7011	(KRN 0 51 R 0.150002)
6876	(KRN C l R -0.025001)	6944	(KRN 0 72 R 0.05)	7012	(KRN 0 135 R 0.150002)
6877	(KRN C r R -0.025001)	6945	(KRN 0 73 R 0.05)	7013	(KRN 0 133 R 0.150002)
6878	(KRN C u R -0.025001)	6946	(KRN 0 41 R 0.05)	7014	(KRN 0 77 R 0.150002)
6879	(KRN C m R -0.025001)	6947	(KRN 0 50 R 0.05)	7015	(KRN C 0 R 0.150002)
6880	(KRN C t R -0.025001)	6948	(KRN 0 51 R 0.05)	7016	(KRN C 1 R 0.150002)
6881	(KRN C i R -0.025001)	6949	(KRN 0 135 R 0.05)	7017	(KRN C 2 R 0.150002)
6882	(KRN C C R -0.025001)	6950	(KRN 0 133 R 0.05)	7018	(KRN C 3 R 0.150002)
6883	(KRN C O R -0.025001)	6951	(KRN 0 77 R 0.05)	7019	(KRN C 4 R 0.150002)
6884	(KRN C G R -0.025001)	6952	(KRN C 0 R 0.05)	7020	(KRN C 5 R 0.150002)
6885	(KRN C h R -0.025001)	6953	(KRN C 1 R 0.05)	7021	(KRN C 6 R 0.150002)
6886	(KRN C b R -0.025001)	6954	(KRN C 2 R 0.05)	7022	(KRN C 7 R 0.150002)
6887	(KRN C U R -0.025001)	6955	(KRN C 3 R 0.05)	7023	(KRN C 8 R 0.150002)
6888	(KRN C k R -0.025001)	6956	(KRN C 4 R 0.05)	7024	(KRN C 9 R 0.150002)
6889	(KRN C v R -0.025001)	6957	(KRN C 5 R 0.05)	7025	(KRN 0 43 R 0.150002)
6890	(KRN C w R -0.025001)	6958	(KRN C 6 R 0.05)	7026	(KRN 0 45 R 0.150002)
6891	(KRN C Q R -0.025001)	6959	(KRN C 7 R 0.05)	7027	(KRN 0 100 R 0.150002)
6892	(LABEL C L)	6960	(KRN C 8 R 0.05)	7028	(KRN 0 52 R 0.075001)
6893	(KRN C T R -0.075001)	6961	(KRN C 9 R 0.05)	7029	(KRN 0 53 R 0.075001)
6894	(KRN C Y R -0.075001)	6962	(KRN 0 43 R 0.05)	7030	(KRN 0 57 R 0.150002)
6895	(KRN C V R -0.100001)	6963	(KRN 0 45 R 0.05)	7031	(KRN 0 74 R 0.150002)
6896	(KRN C W R -0.100001)	6964	(KRN 0 100 R 0.05)	7032	(KRN 0 76 R 0.150002)
6897	(KRN 0 72 R 0.075001)	6965	(KRN 0 52 R 0.05)	7033	(STOP)
6898	(KRN 0 73 R 0.075001)	6966	(KRN 0 53 R 0.05)	7034	(LABEL C B)
6899	(KRN 0 41 R 0.100001)	6967	(KRN 0 57 R 0.05)	7035	(LABEL C C)
6900	(KRN 0 50 R 0.100001)	6968	(KRN 0 74 R 0.05)	7036	(LABEL C E)
6901	(KRN 0 51 R 0.100001)	6969	(KRN 0 76 R 0.05)	7037	(LABEL C G)
6902	(KRN 0 135 R 0.100001)	6970	(STOP)	7038	(LABEL C Q)
6903	(KRN 0 133 R 0.100001)	6971	(LABEL C n)	7039	(LABEL C S)
6904	(KRN 0 77 R 0.100001)	6972	(KRN 0 47 R -0.100001)	7040	(LABEL C a)
6905	(KRN C 0 R 0.075001)	6973	(KRN 0 72 R 0.075001)	7041	(LABEL C g)
6906	(KRN C 1 R 0.100001)	6974	(KRN 0 73 R 0.075001)	7042	(LABEL C h)
6907	(KRN C 2 R 0.100001)	6975	(KRN 0 41 R 0.100001)	7043	(LABEL C i)
6908	(KRN C 3 R 0.100001)	6976	(KRN 0 50 R 0.100001)	7044	(LABEL C j)
6909	(KRN C 4 R 0.075001)	6977	(KRN 0 51 R 0.100001)	7045	(LABEL C k)
6910	(KRN C 5 R 0.100001)	6978	(KRN 0 135 R 0.100001)	7046	(LABEL C m)
6911	(KRN C 6 R 0.075001)	6979	(KRN 0 133 R 0.100001)	7047	(LABEL C q)
6912	(KRN C 7 R 0.100001)	6980	(KRN 0 77 R 0.100001)	7048	(LABEL C s)
6913	(KRN C 8 R 0.100001)	6981	(KRN C 0 R 0.075001)	7049	(LABEL C t)
6914	(KRN C 9 R 0.100001)	6982	(KRN C 1 R 0.100001)	7050	(LABEL C u)
6915	(KRN 0 43 R 0.100001)	6983	(KRN C 2 R 0.100001)	7051	(LABEL C v)
6916	(KRN 0 45 R 0.075001)	6984	(KRN C 3 R 0.100001)	7052	(LABEL C x)
6917	(KRN 0 100 R 0.100001)	6985	(KRN C 4 R 0.075001)	7053	(LABEL C y)
6918	(KRN 0 52 R 0.075001)	6986	(KRN C 5 R 0.100001)	7054	(LABEL C z)
6919	(KRN 0 53 R 0.075001)	6987	(KRN C 6 R 0.075001)	7055	(KRN 0 72 R 0.075001)
6920	(KRN 0 57 R 0.100001)	6988	(KRN C 7 R 0.100001)	7056	(KRN 0 73 R 0.075001)
6921	(KRN 0 74 R 0.100001)	6989	(KRN C 8 R 0.100001)	7057	(KRN 0 41 R 0.100001)
6922	(KRN 0 76 R 0.100001)	6990	(KRN C 9 R 0.100001)	7058	(KRN 0 50 R 0.100001)
6923	(KRN C e R -0.05)	6991	(KRN 0 43 R 0.100001)	7059	(KRN 0 51 R 0.100001)
6924	(KRN C a R -0.05)	6992	(KRN 0 45 R 0.075001)	7060	(KRN 0 135 R 0.100001)
6925	(KRN C o R -0.05)	6993	(KRN 0 100 R 0.100001)	7061	(KRN 0 133 R 0.100001)
6926	(KRN C d R -0.05)	6994	(KRN 0 52 R 0.075001)	7062	(KRN 0 77 R 0.100001)
6927	(KRN C c R -0.05)	6995	(KRN 0 53 R 0.075001)	7063	(KRN C 0 R 0.075001)
6928	(KRN C g R -0.05)	6996	(KRN 0 57 R 0.100001)	7064	(KRN C 1 R 0.100001)
6929	(KRN C q R -0.05)	6997	(KRN 0 74 R 0.100001)	7065	(KRN C 2 R 0.100001)
6930	(STOP)	6998	(KRN 0 76 R 0.100001)	7066	(KRN C 3 R 0.100001)
6931	(LABEL C b)	6999	(STOP)	7067	(KRN C 4 R 0.075001)
6932	(LABEL C c)	7000	(LABEL C H)	7068	(KRN C 5 R 0.100001)

7069	(KRN C 6 R 0.075001)	7137	(KRN O 45 R 0.150002)	7205	(SETCHAR O 10)))
7070	(KRN C 7 R 0.100001)	7138	(KRN O 100 R 0.150002)	7206	(CHARACTER O 11
7071	(KRN C 8 R 0.100001)	7139	(KRN O 52 R 0.075001)	7207	(CHARWD R 0.750008)
7072	(KRN C 9 R 0.100001)	7140	(KRN O 53 R 0.075001)	7208	(CHARHT R 0.683333)
7073	(KRN O 43 R 0.100001)	7141	(KRN O 57 R 0.150002)	7209	(CHARIC R 0.111668)
7074	(KRN O 45 R 0.075001)	7142	(KRN O 74 R 0.150002)	7210	(MAP
7075	(KRN O 100 R 0.100001)	7143	(KRN O 76 R 0.150002)	7211	(SELECTFONT D O)
7076	(KRN O 52 R 0.075001)	7144	(STOP))	7212	(SETCHAR O 11)))
7077	(KRN O 53 R 0.075001)	7145	(CHARACTER O 0	7213	(CHARACTER O 12
7078	(KRN O 57 R 0.100001)	7146	(CHARWD R 0.613433)	7214	(CHARWD R 0.700007)
7079	(KRN O 74 R 0.100001)	7147	(CHARHT R 0.683333)	7215	(CHARHT R 0.683333)
7080	(KRN O 76 R 0.100001)	7148	(CHARIC R 0.134258)	7216	(CHARIC R 0.103126)
7081	(STOP)	7149	(MAP	7217	(MAP
7082	(LABEL C f)	7150	(SELECTFONT D O)	7218	(SELECTFONT D O)
7083	(LIG C i O 14)	7151	(SETCHAR O 0)))	7219	(SETCHAR O 12)))
7084	(LIG C f O 13)	7152	(CHARACTER O 1	7220	(CHARACTER O 13
7085	(LIG C l O 15)	7153	(CHARWD R 0.800008)	7221	(CHARWD R 0.600006)
7086	(KRN O 47 R 0.100001)	7154	(CHARHT R 0.683333)	7222	(CHARHT R 0.694444)
7087	(KRN O 72 R 0.150002)	7155	(MAP	7223	(CHARDP R 0.194444)
7088	(KRN O 73 R 0.150002)	7156	(SELECTFONT D O)	7224	(CHARIC R 0.211112)
7089	(KRN O 41 R 0.150002)	7157	(SETCHAR O 1)))	7225	(MAP
7090	(KRN O 50 R 0.150002)	7158	(CHARACTER O 2	7226	(SELECTFONT D O)
7091	(KRN O 51 R 0.150002)	7159	(CHARWD R 0.750008)	7227	(SETCHAR O 13)))
7092	(KRN O 135 R 0.150002)	7160	(CHARHT R 0.683333)	7228	(CHARACTER O 14
7093	(KRN O 133 R 0.150002)	7161	(CHARIC R 0.094583)	7229	(CHARWD R 0.550007)
7094	(KRN O 77 R 0.150002)	7162	(MAP	7230	(CHARHT R 0.694444)
7095	(KRN C 0 R 0.150002)	7163	(SELECTFONT D O)	7231	(CHARDP R 0.194444)
7096	(KRN C 1 R 0.150002)	7164	(SETCHAR O 2)))	7232	(CHARIC R 0.103703)
7097	(KRN C 2 R 0.150002)	7165	(CHARACTER O 3	7233	(MAP
7098	(KRN C 3 R 0.150002)	7166	(CHARWD R 0.67686)	7234	(SELECTFONT D O)
7099	(KRN C 4 R 0.150002)	7167	(CHARHT R 0.683333)	7235	(SETCHAR O 14)))
7100	(KRN C 5 R 0.150002)	7168	(MAP	7236	(CHARACTER O 15
7101	(KRN C 6 R 0.150002)	7169	(SELECTFONT D O)	7237	(CHARWD R 0.575007)
7102	(KRN C 7 R 0.150002)	7170	(SETCHAR O 3)))	7238	(CHARHT R 0.694444)
7103	(KRN C 8 R 0.150002)	7171	(CHARACTER O 4	7239	(CHARDP R 0.194444)
7104	(KRN C 9 R 0.150002)	7172	(CHARWD R 0.650006)	7240	(CHARIC R 0.103703)
7105	(KRN O 43 R 0.150002)	7173	(CHARHT R 0.683333)	7241	(MAP
7106	(KRN O 45 R 0.150002)	7174	(CHARIC R 0.153333)	7242	(SELECTFONT D O)
7107	(KRN O 100 R 0.150002)	7175	(MAP	7243	(SETCHAR O 15)))
7108	(KRN O 52 R 0.075001)	7176	(SELECTFONT D O)	7244	(CHARACTER O 16
7109	(KRN O 53 R 0.075001)	7177	(SETCHAR O 4)))	7245	(CHARWD R 0.862511)
7110	(KRN O 57 R 0.150002)	7178	(CHARACTER O 5	7246	(CHARHT R 0.694444)
7111	(KRN O 74 R 0.150002)	7179	(CHARWD R 0.72686)	7247	(CHARDP R 0.194444)
7112	(KRN O 76 R 0.150002)	7180	(CHARHT R 0.683333)	7248	(CHARIC R 0.103703)
7113	(STOP)	7181	(CHARIC R 0.157406)	7249	(MAP
7114	(LABEL O 13)	7182	(MAP	7250	(SELECTFONT D O)
7115	(LIG C i O 16)	7183	(SELECTFONT D O)	7251	(SETCHAR O 16)))
7116	(LIG C l O 17)	7184	(SETCHAR O 5)))	7252	(CHARACTER O 17
7117	(KRN O 47 R 0.100001)	7185	(CHARACTER O 6	7253	(CHARWD R 0.8750105)
7118	(KRN O 72 R 0.150002)	7186	(CHARWD R 0.700007)	7254	(CHARHT R 0.694444)
7119	(KRN O 73 R 0.150002)	7187	(CHARHT R 0.683333)	7255	(CHARDP R 0.194444)
7120	(KRN O 41 R 0.150002)	7188	(CHARIC R 0.121758)	7256	(CHARIC R 0.103703)
7121	(KRN O 50 R 0.150002)	7189	(MAP	7257	(MAP
7122	(KRN O 51 R 0.150002)	7190	(SELECTFONT D O)	7258	(SELECTFONT D O)
7123	(KRN O 135 R 0.150002)	7191	(SETCHAR O 6)))	7259	(SETCHAR O 17)))
7124	(KRN O 133 R 0.150002)	7192	(CHARACTER O 7	7260	(CHARACTER O 20
7125	(KRN O 77 R 0.150002)	7193	(CHARWD R 0.750008)	7261	(CHARWD R 0.300003)
7126	(KRN C 0 R 0.150002)	7194	(CHARHT R 0.683333)	7262	(CHARHT R 0.430556)
7127	(KRN C 1 R 0.150002)	7195	(CHARIC R 0.111668)	7263	(CHARIC R 0.074769)
7128	(KRN C 2 R 0.150002)	7196	(MAP	7264	(MAP
7129	(KRN C 3 R 0.150002)	7197	(SELECTFONT D O)	7265	(SELECTFONT D O)
7130	(KRN C 4 R 0.150002)	7198	(SETCHAR O 7)))	7266	(SETCHAR O 20)))
7131	(KRN C 5 R 0.150002)	7199	(CHARACTER O 10	7267	(CHARACTER O 21
7132	(KRN C 6 R 0.150002)	7200	(CHARWD R 0.700007)	7268	(CHARWD R 0.325004)
7133	(KRN C 7 R 0.150002)	7201	(CHARHT R 0.683333)	7269	(CHARHT R 0.430556)
7134	(KRN C 8 R 0.150002)	7202	(CHARIC R 0.060417)	7270	(CHARDP R 0.194444)
7135	(KRN C 9 R 0.150002)	7203	(MAP	7271	(CHARIC R 0.037731)
7136	(KRN O 43 R 0.150002)	7204	(SELECTFONT D O)	7272	(MAP

7273	(SELECTFONT D 0)	7311	(CHARHT R 0.694444)	7349	(SELECTFONT D 0)
7274	(SETCHAR O 21)))	7312	(MAP	7350	(SETCHAR O 34)))
7275	(CHARACTER O 22	7313	(SELECTFONT D 0)	7351	(CHARACTER O 35
7276	(CHARWD R 0.500005)	7314	(SETCHAR O 27)))	7352	(CHARWD R 0.863435)
7277	(CHARHT R 0.694444)	7315	(CHARACTER O 30	7353	(CHARHT R 0.683333)
7278	(MAP	7316	(CHARWD R 0.450005)	7354	(CHARIC R 0.121758)
7279	(SELECTFONT D 0)	7317	(CHARDP R 0.170138)	7355	(MAP
7280	(SETCHAR O 22)))	7318	(MAP	7356	(SELECTFONT D 0)
7281	(CHARACTER O 23	7319	(SELECTFONT D 0)	7357	(SETCHAR O 35)))
7282	(CHARWD R 0.500005)	7320	(SETCHAR O 30)))	7358	(CHARACTER O 36
7283	(CHARHT R 0.694444)	7321	(CHARACTER O 31	7359	(CHARWD R 0.963436)
7284	(CHARIC R 0.09861)	7322	(CHARWD R 0.525005)	7360	(CHARHT R 0.683333)
7285	(MAP	7323	(CHARHT R 0.694444)	7361	(CHARIC R 0.121758)
7286	(SELECTFONT D 0)	7324	(CHARDP R 0.194444)	7362	(MAP
7287	(SETCHAR O 23)))	7325	(CHARIC R 0.106248)	7363	(SELECTFONT D 0)
7288	(CHARACTER O 24	7326	(MAP	7364	(SETCHAR O 36)))
7289	(CHARWD R 0.500005)	7327	(SELECTFONT D 0)	7365	(CHARACTER O 37
7290	(CHARHT R 0.628472)	7328	(SETCHAR O 31)))	7366	(CHARWD R 0.750008)
7291	(CHARIC R 0.083507)	7329	(CHARACTER O 32	7367	(CHARHT R 0.731944)
7292	(MAP	7330	(CHARWD R 0.700007)	7368	(CHARDP R 0.048611)
7293	(SELECTFONT D 0)	7331	(CHARHT R 0.430556)	7369	(CHARIC R 0.094583)
7294	(SETCHAR O 24)))	7332	(CHARIC R 0.074768)	7370	(MAP
7295	(CHARACTER O 25	7333	(MAP	7371	(SELECTFONT D 0)
7296	(CHARWD R 0.500005)	7334	(SELECTFONT D 0)	7372	(SETCHAR O 37)))
7297	(CHARHT R 0.694444)	7335	(SETCHAR O 32)))	7373	(CHARACTER O 40
7298	(CHARIC R 0.108448)	7336	(CHARACTER O 33	7374	(CHARWD R 0.250003)
7299	(MAP	7337	(CHARWD R 0.700007)	7375	(CHARHT R 0.430556)
7300	(SELECTFONT D 0)	7338	(CHARHT R 0.430556)	7376	(MAP
7301	(SETCHAR O 25)))	7339	(CHARIC R 0.074768)	7377	(SELECTFONT D 0)
7302	(CHARACTER O 26	7340	(MAP	7378	(SETCHAR O 40)))
7303	(CHARWD R 0.500005)	7341	(SELECTFONT D 0)	7379	(CHARACTER O 41
7304	(CHARHT R 0.563889)	7342	(SETCHAR O 33)))	7380	(CHARWD R 0.300003)
7305	(CHARIC R 0.103471)	7343	(CHARACTER O 34	7381	(CHARHT R 0.694444)
7306	(MAP	7344	(CHARWD R 0.500005)	7382	(MAP
7307	(SELECTFONT D 0)	7345	(CHARHT R 0.527779)	7383	(SELECTFONT D 1)
7308	(SETCHAR O 26)))	7346	(CHARDP R 0.097222)	7384	(MOVERIGHT R 0.01400750)
7309	(CHARACTER O 27	7347	(CHARIC R 0.091783)	7385	
7310	(CHARWD R 0.814823)	7348	(MAP		

The character “!” width (3.26386pt from cmr12) has been adjusted by increasing interletter space on 0.16809pt to match its width in cmtiup12

7386	(SETCHAR O 41)	7392	(MAP	7398	(CHARDP R 0.194443)
7387	(MOVERIGHT R 0.01400750))	7393	(SELECTFONT D 0)	7399	(MAP
7388	(CHARACTER O 42	7394	(SETCHAR O 42)))	7400	(SELECTFONT D 1)
7389	(CHARWD R 0.500005)	7395	(CHARACTER O 43	7401	(MOVELEFT R 0.00797800)
7390	(CHARHT R 0.694444)	7396	(CHARWD R 0.800008)	7402	
7391	(CHARIC R 0.065831)	7397	(CHARHT R 0.694444)		

The character “#” width (9.79157pt from cmr12) has been adjusted by decreasing interletter space on 0.09574pt to match its width in cmtiup12

7403	(SETCHAR O 43)	7409	(SELECTFONT D 0)	7415	(MAP
7404	(MOVELEFT R 0.00797800))	7410	(SETCHAR O 44)))	7416	(SELECTFONT D 1)
7405	(CHARACTER O 44	7411	(CHARACTER O 45	7417	(MOVELEFT R 0.00797800)
7406	(CHARWD R 0.755215)	7412	(CHARWD R 0.800008)	7418	
7407	(CHARHT R 0.694444)	7413	(CHARHT R 0.75)		
7408	(MAP	7414	(CHARDP R 0.055556)		

The character “%” width (9.79157pt from cmr12) has been adjusted by decreasing interletter space on 0.09574pt to match its width in cmtiup12

7419	(SETCHAR O 45)	7427	(SETCHAR O 46)))	7435	(CHARWD R 0.400004)
7420	(MOVELEFT R 0.007978028)	(CHARACTER O 47		7436	(CHARHT R 0.75)
7421	(CHARACTER O 46	7429	(CHARWD R 0.300003)	7437	(CHARDP R 0.25)
7422	(CHARWD R 0.750008)	7430	(CHARHT R 0.694444)	7438	(MAP
7423	(CHARHT R 0.694444)	7431	(MAP	7439	(SELECTFONT D 1)
7424	(CHARIC R 0.09861)	7432	(SELECTFONT D 0)	7440	(MOVERIGHT R 0.00961050)
7425	(MAP	7433	(SETCHAR O 47)))	7441	
7426	(SELECTFONT D 0)	7434	(CHARACTER O 50		

The character “(” width (4.56940pt from `cmr12`) has been adjusted by increasing interletter space on 0.11533pt to match its width in `cmtiup12`

7442	(SETCHAR O 50)	7446	(CHARHT R 0.75)	7450	(MOVERIGHT R 0.00961050)
7443	(MOVERIGHT R 0.00961050))	(CHARDP R 0.25)		7451	
7444	(CHARACTER O 51	7448	(MAP		
7445	(CHARWD R 0.400004)	7449	(SELECTFONT D 1)		

The character “)” width (4.56940pt from `cmr12`) has been adjusted by increasing interletter space on 0.11533pt to match its width in `cmtiup12`

7452	(SETCHAR O 51)	7455	(CHARWD R 0.500005)	7458	(SELECTFONT D 1)
7453	(MOVERIGHT R 0.00961050))	(CHARHT R 0.75)		7459	(MOVERIGHT R 0.00521350)
7454	(CHARACTER O 52	7457	(MAP	7460	

The character “\*” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7461	(SETCHAR O 52)	7465	(CHARHT R 0.550003)	7469	(MOVELEFT R 0.00577900)
7462	(MOVERIGHT R 0.00521350))	(CHARDP R 0.050003)		7470	
7463	(CHARACTER O 53	7467	(MAP		
7464	(CHARWD R 0.750008)	7468	(SELECTFONT D 1)		

The character “+” width (9.13879pt from `cmr12`) has been adjusted by decreasing interletter space on 0.06935pt to match its width in `cmtiup12`

7471	(SETCHAR O 53)	7475	(CHARHT R 0.097222)	7479	(MOVERIGHT R 0.01400750)
7472	(MOVELEFT R 0.00577900))	(CHARDP R 0.194444)		7480	
7473	(CHARACTER O 54	7477	(MAP		
7474	(CHARWD R 0.300003)	7478	(SELECTFONT D 1)		

The character “,” width (3.26386pt from `cmr12`) has been adjusted by increasing interletter space on 0.16809pt to match its width in `cmtiup12`

7481	(SETCHAR O 54)	7487	(MAP	7493	(MAP
7482	(MOVERIGHT R 0.01400750))	(SELECTFONT D 0)		7494	(SELECTFONT D 1)
7483	(CHARACTER O 55	7489	(SETCHAR O 55)))	7495	(MOVERIGHT R 0.01400750)
7484	(CHARWD R 0.350003)	7490	(CHARACTER O 56	7496	
7485	(CHARHT R 0.430556)	7491	(CHARWD R 0.300003)		
7486	(CHARIC R 0.02882)	7492	(CHARHT R 0.097222)		

The character “.” width (3.26386pt from `cmr12`) has been adjusted by increasing interletter space on 0.16809pt to match its width in `cmtiup12`

7497	(SETCHAR O 56)	7501	(CHARHT R 0.75)	7505	(MOVERIGHT R 0.00521350)
7498	(MOVERIGHT R 0.014007502))		(CHARDP R 0.25)	7506	
7499	(CHARACTER O 57	7503	(MAP		
7500	(CHARWD R 0.500005)	7504	(SELECTFONT D 1)		

The character “/” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7507	(SETCHAR C 57)	7510	(CHARWD R 0.500005)	7513	(SELECTFONT D 1)
7508	(MOVERIGHT R 0.005213501))		(CHARHT R 0.648281)	7514	(MOVERIGHT R 0.00521350)
7509	(CHARACTER C 0	7512	(MAP	7515	

The character “0” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7516	(SETCHAR C 0)	7519	(CHARWD R 0.500005)	7522	(SELECTFONT D 1)
7517	(MOVERIGHT R 0.005213500))		(CHARHT R 0.648281)	7523	(MOVERIGHT R 0.00521350)
7518	(CHARACTER C 1	7521	(MAP	7524	

The character “1” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7525	(SETCHAR C 1)	7528	(CHARWD R 0.500005)	7531	(SELECTFONT D 1)
7526	(MOVERIGHT R 0.005213509))		(CHARHT R 0.648281)	7532	(MOVERIGHT R 0.00521350)
7527	(CHARACTER C 2	7530	(MAP	7533	

The character “2” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7534	(SETCHAR C 2)	7537	(CHARWD R 0.500005)	7540	(SELECTFONT D 1)
7535	(MOVERIGHT R 0.005213508))		(CHARHT R 0.648281)	7541	(MOVERIGHT R 0.00521350)
7536	(CHARACTER C 3	7539	(MAP	7542	

The character “3” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7543	(SETCHAR C 3)	7546	(CHARWD R 0.500005)	7549	(SELECTFONT D 1)
7544	(MOVERIGHT R 0.005213507))		(CHARHT R 0.648281)	7550	(MOVERIGHT R 0.00521350)
7545	(CHARACTER C 4	7548	(MAP	7551	

The character “4” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7552	(SETCHAR C 4)	7555	(CHARWD R 0.500005)	7558	(SELECTFONT D 1)
7553	(MOVERIGHT R 0.005213506))		(CHARHT R 0.648281)	7559	(MOVERIGHT R 0.00521350)
7554	(CHARACTER C 5	7557	(MAP	7560	

The character “5” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7561	(SETCHAR C 5)	7564	(CHARWD R 0.500005)	7567	(SELECTFONT D 1)
7562	(MOVERIGHT R 0.005213503))	7565	(CHARHT R 0.648281)	7568	(MOVERIGHT R 0.00521350)
7563	(CHARACTER C 6	7566	(MAP	7569	

The character “6” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7570	(SETCHAR C 6)	7573	(CHARWD R 0.500005)	7576	(SELECTFONT D 1)
7571	(MOVERIGHT R 0.005213501))	7574	(CHARHT R 0.648281)	7577	(MOVERIGHT R 0.00521350)
7572	(CHARACTER C 7	7575	(MAP	7578	

The character “7” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7579	(SETCHAR C 7)	7582	(CHARWD R 0.500005)	7585	(SELECTFONT D 1)
7580	(MOVERIGHT R 0.005213503))	7583	(CHARHT R 0.648281)	7586	(MOVERIGHT R 0.00521350)
7581	(CHARACTER C 8	7584	(MAP	7587	

The character “8” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7588	(SETCHAR C 8)	7591	(CHARWD R 0.500005)	7594	(SELECTFONT D 1)
7589	(MOVERIGHT R 0.005213502))	7592	(CHARHT R 0.648281)	7595	(MOVERIGHT R 0.00521350)
7590	(CHARACTER C 9	7593	(MAP	7596	

The character “9” width (5.87494pt from `cmr12`) has been adjusted by increasing interletter space on 0.06256pt to match its width in `cmtiup12`

7597	(SETCHAR C 9)	7600	(CHARWD R 0.300003)	7603	(SELECTFONT D 1)
7598	(MOVERIGHT R 0.005213501))	7601	(CHARHT R 0.430556)	7604	(MOVERIGHT R 0.01400750)
7599	(CHARACTER O 72	7602	(MAP	7605	

The character “:” width (3.26386pt from `cmr12`) has been adjusted by increasing interletter space on 0.16809pt to match its width in `cmtiup12`

7606	(SETCHAR O 72)	7610	(CHARHT R 0.430556)	7614	(MOVERIGHT R 0.01400750)
7607	(MOVERIGHT R 0.014007501))	7611	(CHARDP R 0.194444)	7615	
7608	(CHARACTER O 73	7612	(MAP		
7609	(CHARWD R 0.300003)	7613	(SELECTFONT D 1)		

The character “;” width (3.26386pt from `cmr12`) has been adjusted by increasing interletter space on 0.16809pt to match its width in `cmtiup12`

7616	(SETCHAR O 73)	7620	(CHARHT R 0.5)	7624	(MOVERIGHT R 0.01400750)
7617	(MOVERIGHT R 0.014007501))	7621	(CHARDP R 0.194444)	7625	
7618	(CHARACTER O 74	7622	(MAP		
7619	(CHARWD R 0.300003)	7623	(SELECTFONT D 1)		

The character “j” width (3.26386pt from `cmr12`) has been adjusted by increasing interletter space on 0.16809pt to match its width in `cmtiup12`

7626	(SETCHAR O 74)	7630	(CHARHT R 0.360902)	7634	(MOVELEFT R 0.00577900)
7627	(MOVELEFT R 0.014007681))	(CHARDP R -0.139098)	7635		
7628	(CHARACTER O 75	7632	(MAP		
7629	(CHARWD R 0.750008)	7633	(SELECTFONT D 1)		

The character “=” width (9.13879pt from cmr12) has been adjusted by decreasing interletter space on 0.06935pt to match its width in cmtiup12

7636	(SETCHAR O 75)	7640	(CHARHT R 0.5)	7644	(MOVELEFT R 0.01881300)
7637	(MOVELEFT R 0.005779061))	(CHARDP R 0.194444)	7645		
7638	(CHARACTER O 76	7642	(MAP		
7639	(CHARWD R 0.500005)	7643	(SELECTFONT D 1)		

The character “¿” width (5.54855pt from cmr12) has been adjusted by increasing interletter space on 0.22576pt to match its width in cmtiup12

7646	(SETCHAR O 76)	7649	(CHARWD R 0.500005)	7652	(SELECTFONT D 1)
7647	(MOVELEFT R 0.018813060))	(CHARHT R 0.694444)	7653	(MOVELEFT R 0.01881300)	
7648	(CHARACTER O 77	7651	(MAP	7654	

The character “?” width (5.54855pt from cmr12) has been adjusted by increasing interletter space on 0.22576pt to match its width in cmtiup12

7655	(SETCHAR O 77)	7658	(CHARWD R 0.750008)	7661	(SELECTFONT D 1)
7656	(MOVELEFT R 0.018813069))	(CHARHT R 0.694444)	7662	(MOVELEFT R 0.00577900)	
7657	(CHARACTER O 100	7660	(MAP	7663	

The character “@” width (9.13879pt from cmr12) has been adjusted by decreasing interletter space on 0.06935pt to match its width in cmtiup12

7664	(SETCHAR O 100)	7692	(SETCHAR C D)))	7720	(SETCHAR C H)))
7665	(MOVELEFT R 0.0057790693))	(CHARACTER C E	7721	(CHARACTER C I	
7666	(CHARACTER C A	7694	(CHARWD R 0.663433)	7722	(CHARWD R 0.376857)
7667	(CHARWD R 0.72686)	7695	(CHARHT R 0.683333)	7723	(CHARHT R 0.683333)
7668	(CHARHT R 0.683333)	7696	(CHARIC R 0.121758)	7724	(CHARIC R 0.158333)
7669	(MAP	7697	(MAP	7725	(MAP
7670	(SELECTFONT D 0)	7698	(SELECTFONT D 0)	7726	(SELECTFONT D 0)
7671	(SETCHAR C A)))	7699	(SETCHAR C E)))	7727	(SETCHAR C I)))
7672	(CHARACTER C B	7700	(CHARACTER C F	7728	(CHARACTER C J
7673	(CHARWD R 0.688434)	7701	(CHARWD R 0.6384325)	7729	(CHARWD R 0.513432)
7674	(CHARHT R 0.683333)	7702	(CHARHT R 0.683333)	7730	(CHARHT R 0.683333)
7675	(CHARIC R 0.103126)	7703	(CHARIC R 0.134258)	7731	(CHARIC R 0.135415)
7676	(MAP	7704	(MAP	7732	(MAP
7677	(SELECTFONT D 0)	7705	(SELECTFONT D 0)	7733	(SELECTFONT D 0)
7678	(SETCHAR C B)))	7706	(SETCHAR C F)))	7734	(SETCHAR C J)))
7679	(CHARACTER C C	7707	(CHARACTER C G	7735	(CHARACTER C K
7680	(CHARWD R 0.700007)	7708	(CHARWD R 0.7567215)	7736	(CHARWD R 0.751861)
7681	(CHARHT R 0.683333)	7709	(CHARHT R 0.683333)	7737	(CHARHT R 0.683333)
7682	(CHARIC R 0.145833)	7710	(CHARIC R 0.089119)	7738	(CHARIC R 0.145833)
7683	(MAP	7711	(MAP	7739	(MAP
7684	(SELECTFONT D 0)	7712	(SELECTFONT D 0)	7740	(SELECTFONT D 0)
7685	(SETCHAR C C)))	7713	(SETCHAR C G)))	7741	(SETCHAR C K)))
7686	(CHARACTER C D	7714	(CHARACTER C H	7742	(CHARACTER C L
7687	(CHARWD R 0.738434)	7715	(CHARWD R 0.72686)	7743	(CHARWD R 0.613433)
7688	(CHARHT R 0.683333)	7716	(CHARHT R 0.683333)	7744	(CHARHT R 0.683333)
7689	(CHARIC R 0.094583)	7717	(CHARIC R 0.157406)	7745	(MAP
7690	(MAP	7718	(MAP	7746	(SELECTFONT D 0)
7691	(SELECTFONT D 0)	7719	(SELECTFONT D 0)	7747	(SETCHAR C L)))



7748 (CHARACTER C M	7784 (CHARACTER C R	7820 (CHARWD R 0.976863)
7749 (CHARWD R 0.876862)	7785 (CHARWD R 0.713433)	7821 (CHARHT R 0.683333)
7750 (CHARHT R 0.683333)	7786 (CHARHT R 0.683333)	7822 (CHARIC R 0.183334)
7751 (CHARIC R 0.157406)	7787 (CHARIC R 0.040624)	7823 (MAP
7752 (MAP	7788 (MAP	7824 (SELECTFONT D 0)
7753 (SELECTFONT D 0)	7789 (SELECTFONT D 0)	7825 (SETCHAR C W)))
7754 (SETCHAR C M)))	7790 (SETCHAR C R)))	7826 (CHARACTER C X
7755 (CHARACTER C N	7791 (CHARACTER C S	7827 (CHARWD R 0.72686)
7756 (CHARWD R 0.72686)	7792 (CHARWD R 0.550006)	7828 (CHARHT R 0.683333)
7757 (CHARHT R 0.683333)	7793 (CHARHT R 0.683333)	7829 (CHARIC R 0.158333)
7758 (CHARIC R 0.157406)	7794 (CHARIC R 0.120833)	7830 (MAP
7759 (MAP	7795 (MAP	7831 (SELECTFONT D 0)
7760 (SELECTFONT D 0)	7796 (SELECTFONT D 0)	7832 (SETCHAR C X)))
7761 (SETCHAR C N)))	7797 (SETCHAR C S)))	7833 (CHARACTER C Y
7762 (CHARACTER C O	7798 (CHARACTER C T	7834 (CHARWD R 0.72686)
7763 (CHARWD R 0.750008)	7799 (CHARWD R 0.700007)	7835 (CHARHT R 0.683333)
7764 (CHARHT R 0.683333)	7800 (CHARHT R 0.683333)	7836 (CHARIC R 0.193334)
7765 (CHARIC R 0.094583)	7801 (CHARIC R 0.134258)	7837 (MAP
7766 (MAP	7802 (MAP	7838 (SELECTFONT D 0)
7767 (SELECTFONT D 0)	7803 (SELECTFONT D 0)	7839 (SETCHAR C Y)))
7768 (SETCHAR C O)))	7804 (SETCHAR C T)))	7840 (CHARACTER C Z
7769 (CHARACTER C P	7805 (CHARACTER C U	7841 (CHARWD R 0.600006)
7770 (CHARWD R 0.663433)	7806 (CHARWD R 0.72686)	7842 (CHARHT R 0.683333)
7771 (CHARHT R 0.683333)	7807 (CHARHT R 0.683333)	7843 (CHARIC R 0.145833)
7772 (CHARIC R 0.103126)	7808 (CHARIC R 0.157406)	7844 (MAP
7773 (MAP	7809 (MAP	7845 (SELECTFONT D 0)
7774 (SELECTFONT D 0)	7810 (SELECTFONT D 0)	7846 (SETCHAR C Z)))
7775 (SETCHAR C P)))	7811 (SETCHAR C U)))	7847 (CHARACTER O 133
7776 (CHARACTER C Q	7812 (CHARACTER C V	7848 (CHARWD R 0.300003)
7777 (CHARWD R 0.750008)	7813 (CHARWD R 0.72686)	7849 (CHARHT R 0.75)
7778 (CHARHT R 0.683333)	7814 (CHARHT R 0.683333)	7850 (CHARDP R 0.25)
7779 (CHARDP R 0.194444)	7815 (CHARIC R 0.183334)	7851 (MAP
7780 (CHARIC R 0.094583)	7816 (MAP	7852 (SELECTFONT D 1)
7781 (MAP	7817 (SELECTFONT D 0)	7853 (MOVERIGHT R 0.01400750)
7782 (SELECTFONT D 0)	7818 (SETCHAR C V)))	7854
7783 (SETCHAR C Q)))	7819 (CHARACTER C W	

The character “[” width (3.26386pt from cmr12) has been adjusted by increasing interletter space on 0.16809pt to match its width in cmtiup12

7855 (SETCHAR O 133)	7861 (MAP	7867 (CHARDP R 0.25)
7856 (MOVERIGHT R 0.01400750)	7862 (SELECTFONT D 0)	7868 (MAP
7857 (CHARACTER O 134	7863 (SETCHAR O 134)))	7869 (SELECTFONT D 1)
7858 (CHARWD R 0.500005)	7864 (CHARACTER O 135	7870 (MOVERIGHT R 0.01400750)
7859 (CHARHT R 0.694444)	7865 (CHARWD R 0.300003)	7871
7860 (CHARIC R 0.168611)	7866 (CHARHT R 0.75)	

The character “]” width (3.26386pt from cmr12) has been adjusted by increasing interletter space on 0.16809pt to match its width in cmtiup12

7872 (SETCHAR O 135)	7885 (MAP	7898 (MAP
7873 (MOVERIGHT R 0.01400750)	7886 (SELECTFONT D 0)	7899 (SELECTFONT D 0)
7874 (CHARACTER O 136	7887 (SETCHAR O 137)))	7900 (SETCHAR C a)))
7875 (CHARWD R 0.500005)	7888 (CHARACTER O 140	7901 (CHARACTER C b
7876 (CHARHT R 0.694444)	7889 (CHARWD R 0.300003)	7902 (CHARWD R 0.450005)
7877 (CHARIC R 0.067013)	7890 (CHARHT R 0.694444)	7903 (CHARHT R 0.694444)
7878 (MAP	7891 (MAP	7904 (CHARIC R 0.061226)
7879 (SELECTFONT D 0)	7892 (SELECTFONT D 0)	7905 (MAP
7880 (SETCHAR O 136)))	7893 (SETCHAR O 140)))	7906 (SELECTFONT D 0)
7881 (CHARACTER O 137	7894 (CHARACTER C a	7907 (SETCHAR C b)))
7882 (CHARWD R 0.300003)	7895 (CHARWD R 0.500005)	7908 (CHARACTER C c
7883 (CHARHT R 0.663692)	7896 (CHARHT R 0.430556)	7909 (CHARWD R 0.450005)
7884 (CHARIC R 0.114533)	7897 (CHARIC R 0.074769)	7910 (CHARHT R 0.430556)

7911	(CHARIC R 0.057639)	7979	(SELECTFONT D 0)	8047	(CHARWD R 0.450005)
7912	(MAP	7980	(SETCHAR C l)))	8048	(CHARHT R 0.430556)
7913	(SELECTFONT D 0)	7981	(CHARACTER C m	8049	(CHARIC R 0.107639)
7914	(SETCHAR C c)))	7982	(CHARWD R 0.800008)	8050	(MAP
7915	(CHARACTER C d	7983	(CHARHT R 0.430556)	8051	(SELECTFONT D 0)
7916	(CHARWD R 0.500005)	7984	(CHARIC R 0.074769)	8052	(SETCHAR C v)))
7917	(CHARHT R 0.694444)	7985	(MAP	8053	(CHARACTER C w
7918	(CHARIC R 0.103703)	7986	(SELECTFONT D 0)	8054	(CHARWD R 0.650006)
7919	(MAP	7987	(SETCHAR C m)))	8055	(CHARHT R 0.430556)
7920	(SELECTFONT D 0)	7988	(CHARACTER C n	8056	(CHARIC R 0.107639)
7921	(SETCHAR C d)))	7989	(CHARWD R 0.550006)	8057	(MAP
7922	(CHARACTER C e	7990	(CHARHT R 0.430556)	8058	(SELECTFONT D 0)
7923	(CHARWD R 0.450005)	7991	(CHARIC R 0.074769)	8059	(SETCHAR C w)))
7924	(CHARHT R 0.430556)	7992	(MAP	8060	(CHARACTER C x
7925	(CHARIC R 0.074768)	7993	(SELECTFONT D 0)	8061	(CHARWD R 0.450005)
7926	(MAP	7994	(SETCHAR C n)))	8062	(CHARHT R 0.430556)
7927	(SELECTFONT D 0)	7995	(CHARACTER C o	8063	(CHARIC R 0.12014)
7928	(SETCHAR C e)))	7996	(CHARWD R 0.500005)	8064	(MAP
7929	(CHARACTER C f	7997	(CHARHT R 0.430556)	8065	(SELECTFONT D 0)
7930	(CHARWD R 0.300003)	7998	(CHARIC R 0.061226)	8066	(SETCHAR C x)))
7931	(CHARHT R 0.694444)	7999	(MAP	8067	(CHARACTER C y
7932	(CHARDP R 0.194444)	8000	(SELECTFONT D 0)	8068	(CHARWD R 0.475005)
7933	(CHARIC R 0.211112)	8001	(SETCHAR C o)))	8069	(CHARHT R 0.430556)
7934	(MAP	8002	(CHARACTER C p	8070	(CHARDP R 0.194444)
7935	(SELECTFONT D 0)	8003	(CHARWD R 0.500005)	8071	(CHARIC R 0.087731)
7936	(SETCHAR C f)))	8004	(CHARHT R 0.430556)	8072	(MAP
7937	(CHARACTER C g	8005	(CHARDP R 0.194444)	8073	(SELECTFONT D 0)
7938	(CHARWD R 0.450005)	8006	(CHARIC R 0.061226)	8074	(SETCHAR C y)))
7939	(CHARHT R 0.430556)	8007	(MAP	8075	(CHARACTER C z
7940	(CHARDP R 0.194444)	8008	(SELECTFONT D 0)	8076	(CHARWD R 0.400004)
7941	(CHARIC R 0.087731)	8009	(SETCHAR C p)))	8077	(CHARHT R 0.430556)
7942	(MAP	8010	(CHARACTER C q	8078	(CHARIC R 0.121529)
7943	(SELECTFONT D 0)	8011	(CHARWD R 0.450005)	8079	(MAP
7944	(SETCHAR C g)))	8012	(CHARHT R 0.430556)	8080	(SELECTFONT D 0)
7945	(CHARACTER C h	8013	(CHARDP R 0.194444)	8081	(SETCHAR C z)))
7946	(CHARWD R 0.500005)	8014	(CHARIC R 0.087731)	8082	(CHARACTER 0 173
7947	(CHARHT R 0.694444)	8015	(MAP	8083	(CHARWD R 0.500005)
7948	(CHARIC R 0.074769)	8016	(SELECTFONT D 0)	8084	(CHARHT R 0.430556)
7949	(MAP	8017	(SETCHAR C q)))	8085	(CHARIC R 0.091525)
7950	(SELECTFONT D 0)	8018	(CHARACTER C r	8086	(MAP
7951	(SETCHAR C h)))	8019	(CHARWD R 0.412505)	8087	(SELECTFONT D 0)
7952	(CHARACTER C i	8020	(CHARHT R 0.430556)	8088	(SETCHAR 0 173)))
7953	(CHARWD R 0.300003)	8021	(CHARIC R 0.107639)	8089	(CHARACTER 0 174
7954	(CHARHT R 0.648281)	8022	(MAP	8090	(CHARWD R 1.0000105)
7955	(CHARIC R 0.100066)	8023	(SELECTFONT D 0)	8091	(CHARHT R 0.430556)
7956	(MAP	8024	(SETCHAR C r)))	8092	(CHARIC R 0.091525)
7957	(SELECTFONT D 0)	8025	(CHARACTER C s	8093	(MAP
7958	(SETCHAR C i)))	8026	(CHARWD R 0.400005)	8094	(SELECTFONT D 0)
7959	(CHARACTER C j	8027	(CHARHT R 0.430556)	8095	(SETCHAR 0 174)))
7960	(CHARWD R 0.300003)	8028	(CHARIC R 0.082639)	8096	(CHARACTER 0 175
7961	(CHARHT R 0.648281)	8029	(MAP	8097	(CHARWD R 0.500005)
7962	(CHARDP R 0.194444)	8030	(SELECTFONT D 0)	8098	(CHARHT R 0.694444)
7963	(CHARIC R 0.143123)	8031	(SETCHAR C s)))	8099	(CHARIC R 0.1236105)
7964	(MAP	8032	(CHARACTER C t	8100	(MAP
7965	(SELECTFONT D 0)	8033	(CHARWD R 0.325004)	8101	(SELECTFONT D 0)
7966	(SETCHAR C j)))	8034	(CHARHT R 0.615081)	8102	(SETCHAR 0 175)))
7967	(CHARACTER C k	8035	(CHARIC R 0.095139)	8103	(CHARACTER 0 176
7968	(CHARWD R 0.450005)	8036	(MAP	8104	(CHARWD R 0.500005)
7969	(CHARHT R 0.694444)	8037	(SELECTFONT D 0)	8105	(CHARHT R 0.663692)
7970	(CHARIC R 0.107639)	8038	(SETCHAR C t)))	8106	(CHARIC R 0.115922)
7971	(MAP	8039	(CHARACTER C u	8107	(MAP
7972	(SELECTFONT D 0)	8040	(CHARWD R 0.525005)	8108	(SELECTFONT D 0)
7973	(SETCHAR C k)))	8041	(CHARHT R 0.430556)	8109	(SETCHAR 0 176)))
7974	(CHARACTER C l	8042	(CHARIC R 0.074769)	8110	(CHARACTER 0 177
7975	(CHARWD R 0.250003)	8043	(MAP	8111	(CHARWD R 0.500005)
7976	(CHARHT R 0.694444)	8044	(SELECTFONT D 0)	8112	(CHARHT R 0.663692)
7977	(CHARIC R 0.103703)	8045	(SETCHAR C u)))	8113	(CHARIC R 0.102033)
7978	(MAP	8046	(CHARACTER C v	8114	(MAP

8115	(SELECTFONT D 0)	8117	8119
8116	(SETCHAR 0 177)))	8118 </cmtiup12vpl>	

## 7 Fontinst: Bold Italics in OT1 and Bold & Medium Italics in T1

The idea is, we combine two .pl files in one .vpl, but first we need to delete digits from the second file:

```
8120 (*deldigits)
8121 \relax
8122 Unset all digits and punctuation
8123 \metrics
```

The file itself uses the command `\unsetglyph`. We unset the digits, parentheses, etc.

```
8124 \unsetglyph{exclam}
8125 \unsetglyph{parenleft}
8126 \unsetglyph{parenright}
8127 \unsetglyph{comma}
8128 \unsetglyph{period}
8129 \unsetglyph{slash}
8130 \unsetglyph{zero}
8131 \unsetglyph{one}
8132 \unsetglyph{two}
8133 \unsetglyph{three}
8134 \unsetglyph{four}
8135 \unsetglyph{five}
8136 \unsetglyph{six}
8137 \unsetglyph{seven}
8138 \unsetglyph{eight}
8139 \unsetglyph{nine}
8140 \unsetglyph{colon}
8141 \unsetglyph{semicolon}
8142 \unsetglyph{exclamdown}
8143 \unsetglyph{questiondown}
8144 \unsetglyph{question}
8145 \unsetglyph{bracketleft}
8146 \unsetglyph{bracketright}
8147 \unsetglyph{braceleft}
8148 \unsetglyph{braceright}
8149 \endmetrics
8150 (/deldigits)

8151 (*adjdigits)
8152 \relax
8153 Move digits to the right
8154 \metrics
```

We need to move the digits to the right to compensate for the italic correction

```
8155 \resetglyph{exclam}
8156 \moverto{\scale{\italic{f}}{300}}
8157 \glyph{exclam}{1000}
8158 \moverto{-\scale{\italic{f}}{300}}
8159 \endresetglyph
8160 \resetglyph{parenleft}
8161 \moverto{\scale{\italic{f}}{300}}
8162 \glyph{parenleft}{1000}
8163 \moverto{-\scale{\italic{f}}{300}}
8164 \endresetglyph
8165 \resetglyph{parenright}
8166 \moverto{\scale{\italic{f}}{300}}
8167 \glyph{parenright}{1000}
8168 \moverto{-\scale{\italic{f}}{300}}
8169 \endresetglyph
8170 \resetglyph{comma}
8171 \moverto{\scale{\italic{f}}{300}}
8172 \glyph{comma}{1000}
```

```

8173 \mover{-\scale{\italic{f}}{300}}
8174 \endresetglyph
8175 \resetglyph{period}
8176 \mover{\scale{\italic{f}}{300}}
8177 \glyph{period}{1000}
8178 \mover{-\scale{\italic{f}}{300}}
8179 \endresetglyph
8180 \resetglyph{slash}
8181 \mover{\scale{\italic{f}}{300}}
8182 \glyph{slash}{1000}
8183 \mover{-\scale{\italic{f}}{300}}
8184 \endresetglyph
8185 \resetglyph{zero}
8186 \mover{\scale{\italic{f}}{300}}
8187 \glyph{zero}{1000}
8188 \mover{-\scale{\italic{f}}{300}}
8189 \endresetglyph
8190 \resetglyph{one}
8191 \mover{\scale{\italic{f}}{300}}
8192 \glyph{one}{1000}
8193 \mover{-\scale{\italic{f}}{300}}
8194 \endresetglyph
8195 \resetglyph{two}
8196 \mover{\scale{\italic{f}}{300}}
8197 \glyph{two}{1000}
8198 \mover{-\scale{\italic{f}}{300}}
8199 \endresetglyph
8200 \resetglyph{three}
8201 \mover{\scale{\italic{f}}{300}}
8202 \glyph{three}{1000}
8203 \mover{-\scale{\italic{f}}{300}}
8204 \endresetglyph
8205 \resetglyph{four}
8206 \mover{\scale{\italic{f}}{300}}
8207 \glyph{four}{1000}
8208 \mover{-\scale{\italic{f}}{300}}
8209 \endresetglyph
8210 \resetglyph{five}
8211 \mover{\scale{\italic{f}}{300}}
8212 \glyph{five}{1000}
8213 \mover{-\scale{\italic{f}}{300}}
8214 \endresetglyph
8215 \resetglyph{six}
8216 \mover{\scale{\italic{f}}{300}}
8217 \glyph{six}{1000}
8218 \mover{-\scale{\italic{f}}{300}}
8219 \endresetglyph
8220 \resetglyph{seven}
8221 \mover{\scale{\italic{f}}{300}}
8222 \glyph{seven}{1000}
8223 \mover{-\scale{\italic{f}}{300}}
8224 \endresetglyph
8225 \resetglyph{eight}
8226 \mover{\scale{\italic{f}}{300}}
8227 \glyph{eight}{1000}
8228 \mover{-\scale{\italic{f}}{300}}
8229 \endresetglyph
8230 \resetglyph{nine}
8231 \mover{\scale{\italic{f}}{300}}
8232 \glyph{nine}{1000}
8233 \mover{-\scale{\italic{f}}{300}}
8234 \endresetglyph
8235 \resetglyph{colon}
8236 \mover{\scale{\italic{f}}{300}}
8237 \glyph{colon}{1000}
8238 \mover{-\scale{\italic{f}}{300}}
8239 \endresetglyph
8240 \resetglyph{semicolon}

```

```

8241 \mover{\scale{\italic{f}}{300}}
8242 \glyph{semicolon}{1000}
8243 \mover{-\scale{\italic{f}}{300}}
8244 \endresetglyph
8245 \resetglyph{exclamdown}
8246 \mover{\scale{\italic{f}}{300}}
8247 \glyph{exclamdown}{1000}
8248 \mover{-\scale{\italic{f}}{300}}
8249 \endresetglyph
8250 \resetglyph{questiondown}
8251 \mover{\scale{\italic{f}}{300}}
8252 \glyph{questiondown}{1000}
8253 \mover{-\scale{\italic{f}}{300}}
8254 \endresetglyph
8255 \resetglyph{question}
8256 \mover{\scale{\italic{f}}{300}}
8257 \glyph{question}{1000}
8258 \mover{-\scale{\italic{f}}{300}}
8259 \endresetglyph
8260 \resetglyph{bracketleft}
8261 \mover{\scale{\italic{f}}{300}}
8262 \glyph{bracketleft}{1000}
8263 \mover{-\scale{\italic{f}}{300}}
8264 \endresetglyph
8265 \resetglyph{bracketright}
8266 \mover{\scale{\italic{f}}{300}}
8267 \glyph{bracketright}{1000}
8268 \mover{-\scale{\italic{f}}{300}}
8269 \endresetglyph
8270 \ifisglyph{braceleft}\then
8271 \resetglyph{braceleft}
8272 \mover{\scale{\italic{f}}{300}}
8273 \glyph{braceleft}{1000}
8274 \mover{-\scale{\italic{f}}{300}}
8275 \endresetglyph
8276 \Fi
8277 \ifisglyph{braceright}\then
8278 \resetglyph{braceright}
8279 \mover{\scale{\italic{f}}{300}}
8280 \glyph{braceright}{1000}
8281 \mover{-\scale{\italic{f}}{300}}
8282 \endresetglyph
8283 \Fi
8284 \endmetrics
8285 </adjdigits>
8286 %

      Read fontinst

8287 <drv>
8288 \input fontinst.sty

      Combine the fonts for T1 and bold OT1

8289 \installfonts
8290 \installfamily{OT1}{cmtiup}{%
8291 \installfont{cmbxtiup10}{%
8292 cmbxti10,deldigits,cmbx10,adjdigits}{ot1}{OT1}{cmr}{bx}{it}{%
8293 \installfamily{T1}{cmtiup}{%
8294 \installfont{ectiup0500}{%
8295 ecti0500,deldigits,ecrm0500,adjdigits}{t1}{T1}{cmr}{m}{it}{%
8296 \installfont{ectiup0600}{%
8297 ecti0600,deldigits,ecrm0600,adjdigits}{t1}{T1}{cmr}{m}{it}{%
8298 \installfont{ectiup0700}{%
8299 ecti0700,deldigits,ecrm0700,adjdigits}{t1}{T1}{cmr}{m}{it}{%
8300 \installfont{ectiup0800}{%
8301 ecti0800,deldigits,ecrm0800,adjdigits}{t1}{T1}{cmr}{m}{it}{%
8302 \installfont{ectiup0900}{%
8303 ecti0900,deldigits,ecrm0900,adjdigits}{t1}{T1}{cmr}{m}{it}{%
8304 \installfont{ectiup1000}{%

```

```

8305 ecti1000,deldigits,ecrm1000,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8306 \installfont{ectiup1095}{%
8307 ecti1095,deldigits,ecrm1095,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8308 \installfont{ectiup1200}{%
8309 ecti1200,deldigits,ecrm1200,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8310 \installfont{ectiup1440}{%
8311 ecti1440,deldigits,ecrm1440,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8312 \installfont{ectiup1728}{%
8313 ecti1728,deldigits,ecrm1728,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8314 \installfont{ectiup2074}{%
8315 ecti2074,deldigits,ecrm2074,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8316 \installfont{ectiup2488}{%
8317 ecti2488,deldigits,ecrm2488,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8318 \installfont{ectiup2986}{%
8319 ecti2986,deldigits,ecrm2986,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8320 \installfont{ectiup3583}{%
8321 ecti3583,deldigits,ecrm3583,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8322 \installfont{ecbiup0500}{%
8323 ecbi0500,deldigits,ecbx0500,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8324 \installfont{ecbiup0600}{%
8325 ecbi0600,deldigits,ecbx0600,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8326 \installfont{ecbiup0700}{%
8327 ecbi0700,deldigits,ecbx0700,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8328 \installfont{ecbiup0800}{%
8329 ecbi0800,deldigits,ecbx0800,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8330 \installfont{ecbiup0900}{%
8331 ecbi0900,deldigits,ecbx0900,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8332 \installfont{ecbiup1000}{%
8333 ecbi1000,deldigits,ecbx1000,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8334 \installfont{ecbiup1095}{%
8335 ecbi1095,deldigits,ecbx1095,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8336 \installfont{ecbiup1200}{%
8337 ecbi1200,deldigits,ecbx1200,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8338 \installfont{ecbiup1440}{%
8339 ecbi1440,deldigits,ecbx1440,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8340 \installfont{ecbiup1728}{%
8341 ecbi1728,deldigits,ecbx1728,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8342 \installfont{ecbiup2074}{%
8343 ecbi2074,deldigits,ecbx2074,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8344 \installfont{ecbiup2488}{%
8345 ecbi2488,deldigits,ecbx2488,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8346 \installfont{ecbiup2986}{%
8347 ecbi2986,deldigits,ecbx2986,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8348 \installfont{ecbiup3583}{%
8349 ecbi3583,deldigits,ecbx3583,adjdigits}{t1}{T1}{cmr}{m}{it}{}
8350
8351 \endinstallfonts
8352 \bye
8353 </drv>

```

## Change History

v1.2		new@ms.u-tokyo.ac.jp), test
General: First public version . . . .	1	provided . . . . . 1
v1.3		v1.3a
General: Fixed a bug in cmtiup.sty		
(thanks to Shingo SAITO		General: Documentation update . . 1



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