

# Using T<sub>E</sub>X Fonts in the Gnuplot Postscript Terminal

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The Postscript terminal can embed Postscript Type1 fonts (with extensions `.pfa` and `.pfb`) and TrueType fonts (extension `.ttf`)<sup>1</sup> using the command

```
set terminal postscript fontfile '<filename>'
```

The `fontfile` option can be used multiple times. See the sections *set terminal postscript* and *set fontpath* in the Gnuplot documentation for further description.

The embedded font can be used by

```
set terminal postscript '<fontname>' <size>
```

or in postscript enhanced terminal as following example:

```
set xlabel '{/CMMI10 x}'
```

Among other things, the font embedding is useful for generating plots to be included in L<sup>A</sup>T<sub>E</sub>X documents. For normal text, the *cm-super* Postscript Type1 fonts are a good choice. They are available from CTAN servers, e.g.

```
ftp://ftp.dante.de/tex-archive/fonts/ps-type1/cm-super/
```

The normal upright font with serifes is defined in `sfrm1000.pfb`, and the font name is `SFRM1000`<sup>2</sup> (The 1000 means that this font is designed for 10pt). Replace the `rm` by `it`, `bx` or other combinations in both the file name and the font name (here, in uppercase letters) in order to get other font shapes. The encoding of these fonts is ordinary and thus is not described here. Table 1 shows some examples of fonts contained in the *cm-super* font bundle.

For mathematics the Type1 versions of the Computer Modern fonts are useful. They should be installed in most T<sub>E</sub>X implementations and are also available from CTAN servers, e.g.

```
ftp://ftp.dante.de/tex-archive/fonts/cm/ps-type1/bluesky/pfb/
```

Here, the font name is the base of the file name in uppercase letters, e.g. the file `cmmi10.pfb` contains the font `CMMI10`. Since the encoding of these fonts is strange, a table containing all characters for some fonts follows. The font `CMEX10` contains large symbols for mathematics. They overlap sometimes in the table. Since the baseline of the `CMEX10` font is at the top of the signs, Gnuplot defines a font `CMEX10-Baseline` with a different baseline if `CMEX10` is embedded (normally by using `fontfile 'cmex10.pfb'`). In contrast to the other fonts, `CMEX10` is only available in the design size 10pt.

You can access all characters of the fonts by typing their octal code. To get a ♥ symbol, you may type:

```
set label '{/CMSY10 \176}' at graph 0.5,0.5
```

---

<sup>1</sup>If `.pfb` and `.ttf` fonts really can be embedded depends on your gnuplot installation: It needs to be able to handle pipes.

<sup>2</sup>If you have an old version of the *cm-super* font, prior 2001-10-14, the font name is in lowercase letters: `sfrm1000`. You should update to a new version.

Table 1: Some fonts in the cm-super font bundle (for a designsizes of 10 pt)

File name	Full font name (all preceded by Computer Modern)	Example
sfrm1000.pfb	Roman	Example
sfbx1000.pfb	Bold Extended	<b>Example</b>
sfti1000.pfb	Italic	<i>Example</i>
sfbi1000.pfb	Bold Extended Italic	<b><i>Example</i></b>
sfs11000.pfb	Slanted	<i>Example</i>
sfbl1000.pfb	Bold Extended Slanted	<b><i>Example</i></b>
sfcc1000.pfb	Caps and Small Caps	<b>EXAMPLE</b>
sfss1000.pfb	Sans Serif	Example
sfsi1000.pfb	Sans Serif Slanted	<i>Example</i>
sfsx1000.pfb	Sans Serif Bold Extended	<b>Example</b>
sfso1000.pfb	Sans Serif Bold Extended Slanted	<b><i>Example</i></b>
sftt1000.pfb	Typewriter	Example
sfit1000.pfb	Typewriter Italic	<i>Example</i>
sfst1000.pfb	Typewriter Slanted	<i>Example</i>
sftc1000.pfb	Typewriter Caps and Small Caps	<b>EXAMPLE</b>

Since characters with an octal number below \040 can't be displayed by some postscript interpreters, these characters are repeated in the Computer Modern Fonts with a larger code. Thus, you should use the larger number, where two octal numbers are given (e.g. \000, \241). For example, you better use

```
set xlabel '{/CMR10 \242}'
```

than

```
set xlabel '{/CMR10 \001}'
```

to get an upright uppercase Delta  $\Delta$ .

Oct	CMR10	CMT10	CMTT10	CMN10	CMU10	CMSS10	CMTEX10	CMFF10	CMSS10	LASY10	CMEX10-Baseline	Oct	Dec
\000, \241	$\Gamma$	$\Gamma$	$\Gamma$	$\Gamma$	$\Gamma$	$\Gamma$	$\cdot$	$\Gamma$	$-$		(	\000, \241	0, 161
\001, \242	$\Delta$	$\Delta$	$\Delta$	$\Delta$	$\Delta$	$\Delta$	$\downarrow$	$\Delta$	$\cdot$	$\Delta$	)	\001, \242	1, 162
\002, \243	$\Theta$	$\Theta$	$\Theta$	$\Theta$	$\Theta$	$\Theta$	$\alpha$	$\Theta$	$\times$	$\Delta$	[	\002, \243	2, 163
\003, \244	$\Lambda$	$\Lambda$	$\Lambda$	$\Lambda$	$\Lambda$	$\Lambda$	$\beta$	$\Lambda$	$*$	$\nabla$	]	\003, \244	3, 164
\004, \245	$\Xi$	$\Xi$	$\Xi$	$\Xi$	$\Xi$	$\Xi$	$\wedge$	$\Xi$	$\div$	$\nabla$	[	\004, \245	4, 165
\005, \246	$\Pi$	$\Pi$	$\Pi$	$\Pi$	$\Pi$	$\Pi$	$\neg$	$\Pi$	$\diamond$		]	\005, \246	5, 166
\006, \247	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$	$\epsilon$	$\Sigma$	$\pm$		[	\006, \247	6, 167
\007, \250	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\pi$	$\Upsilon$	$\mp$		]	\007, \250	7, 168
\010, \251	$\Phi$	$\Phi$	$\Phi$	$\Phi$	$\Phi$	$\Phi$	$\lambda$	$\Phi$	$\oplus$		{	\010, \251	8, 169

												Oct	Dec
Oct		CMR10	CMTH10	CMTT10	CMMI10	CMU10	CMSS10	CMTEX10	CMFF10	CMSY10	LASY10	CMEX10-Baseline	
\011, \252	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\gamma$	$\psi$	$\ominus$		}	\011, \252 9, 170
\012, \255	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\delta$	$\Omega$	$\otimes$		<	\012, \255 10, 173
\013, \256	$\mathfrak{f}$	$\mathfrak{f}$	$\uparrow$	$\alpha$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\uparrow$	$\pi$	$\otimes$		>	\013, \256 11, 174
\014, \257	$\mathfrak{f}$	$\mathfrak{f}$	$\downarrow$	$\beta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\pm$	$\pi$	$\odot$			\014, \257 12, 175
\015, \260	$\mathfrak{f}$	$\mathfrak{f}$	$\prime$	$\gamma$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\oplus$	$\pi$	$\bigcirc$			\015, \260 13, 176
\016, \261	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\delta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\circ$		/	\016, \261 14, 177
\017, \262	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\epsilon$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\partial$	$\mathfrak{f}$	$\bullet$		\	\017, \262 15, 178
\020, \263	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\zeta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\times$		(	\020, \263 16, 179
\021, \264	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\eta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\equiv$		)	\021, \264 17, 180
\022, \265	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\theta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\cap$		(	\022, \265 18, 181
\023, \266	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\iota$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\cup$		)	\023, \266 19, 182
\024, \267	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\kappa$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\nabla$		)	\024, \267 20, 183
\025, \270	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\lambda$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\Xi$		}	\025, \270 21, 184
\026, \271	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mu$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\026, \271 22, 185
\027, \272	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\nu$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\027, \272 23, 186
\030, \273	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\xi$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\030, \273 24, 187
\031, \274	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\pi$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\031, \274 25, 188
\032, \275	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\rho$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\032, \275 26, 189
\033, \276	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\sigma$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\033, \276 27, 190
\034, \277	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\tau$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\034, \277 28, 191
\035, \300	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\upsilon$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\035, \300 29, 192
\036, \301	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\phi$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\036, \301 30, 193
\037, \302	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\chi$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\037, \302 31, 194
\040, \303	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\psi$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\040, \303 32, 195
\041	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\omega$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\041 33
\042	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\varepsilon$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\042 34
\043	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\vartheta$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\043 35
\044	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\044 36
\045	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\045 37
\046	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\046 38
\047	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\047 39
\050	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\050 40
\051	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\051 41
\052	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\052 42
\053	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\053 43
\054	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\054 44
\055	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\055 45
\056	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\056 46
\057	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$	$\mathfrak{f}$		}	\057 47

Oct	CMR10	CMTH10	CMTT10	CMML10	CMU10	CMSS10	CMTEX10	CMFF10	CMSY10	LASY10	CMEX10-Baseline	Oct	Dec
\060	0	0	0	0	0	0	0	0	'	U	/	\060	48
\061	1	1	1	1	1	1	1	1	$\infty$	$\boxtimes$	\	\061	49
\062	2	2	2	2	2	2	2	2	$\in$	$\square$	[	\062	50
\063	3	3	3	3	3	3	3	3	$\ni$	$\diamond$	]	\063	51
\064	4	4	4	4	4	4	4	4	$\triangle$			\064	52
\065	5	5	5	5	5	5	5	5	$\nabla$		]	\065	53
\066	6	6	6	6	6	6	6	6	/			\066	54
\067	7	7	7	7	7	7	7	7				\067	55
\070	8	8	8	8	8	8	8	8	$\forall$		/	\070	56
\071	9	9	9	9	9	9	9	9	$\exists$		)	\071	57
\072	:	:	:	.	:	:	:	:	$\neg$	$\sim$	(	\072	58
\073	;	;	;	,	;	;	;	;	$\emptyset$	$\leadsto$	)	\073	59
\074	i	i	<	<	i	i	<	i	$\Re$	$\sqsubset$	}	\074	60
\075	=	=	=	/	=	=	=	=	$\Im$	$\sqsupset$	}	\075	61
\076	i	i	>	>	i	i	>	i	$\top$		}	\076	62
\077	?	?	?	*	?	?	?	?	$\perp$			\077	63
\100	@	@	@	$\partial$	@	@	@	@	$\aleph$		(	\100	64
\101	A	A	A	A	A	A	A	A	$\mathcal{A}$		)	\101	65
\102	B	B	B	B	B	B	B	B	$\mathcal{B}$			\102	66
\103	C	C	C	C	C	C	C	C	$\mathcal{C}$			\103	67
\104	D	D	D	D	D	D	D	D	$\mathcal{D}$		<	\104	68
\105	E	E	E	E	E	E	E	E	$\mathcal{E}$		>	\105	69
\106	F	F	F	F	F	F	F	F	$\mathcal{F}$		$\sqcup$	\106	70
\107	G	G	G	G	G	G	G	G	$\mathcal{G}$		$\sqcup$	\107	71
\110	H	H	H	H	H	H	H	H	$\mathcal{H}$		$\mathfrak{H}$	\110	72
\111	I	I	I	I	I	I	I	I	$\mathcal{I}$		$\mathfrak{I}$	\111	73
\112	J	J	J	J	J	J	J	J	$\mathcal{J}$		$\odot$	\112	74
\113	K	K	K	K	K	K	K	K	$\mathcal{K}$		$\odot$	\113	75
\114	L	L	L	L	L	L	L	L	$\mathcal{L}$		$\oplus$	\114	76
\115	M	M	M	M	M	M	M	M	$\mathcal{M}$		$\oplus$	\115	77
\116	N	N	N	N	N	N	N	N	$\mathcal{N}$		$\otimes$	\116	78
\117	O	O	O	O	O	O	O	O	$\mathcal{O}$		$\otimes$	\117	79
\120	P	P	P	P	P	P	P	P	$\mathcal{P}$		$\Sigma$	\120	80
\121	Q	Q	Q	Q	Q	Q	Q	Q	$\mathcal{Q}$		$\Pi$	\121	81
\122	R	R	R	R	R	R	R	R	$\mathcal{R}$		$\int$	\122	82
\123	S	S	S	S	S	S	S	S	$\mathcal{S}$		$\cup$	\123	83
\124	T	T	T	T	T	T	T	T	$\mathcal{T}$		$\cap$	\124	84
\125	U	U	U	U	U	U	U	U	$\mathcal{U}$		$\uplus$	\125	85
\126	V	V	V	V	V	V	V	V	$\mathcal{V}$		$\wedge$	\126	86

	CMR10	CMTH10	CMTT10	CMMI10	CMU10	CMSS10	CMTEX10	CMFF10	CMSY10	LASY10	CMEX10-Baseline				
Oct												Oct		Dec	
\127	W	W	w	W	W	W	w	W	W		∇	\127		87	
\130	X	X	x	X	X	X	x	X	X		Σ	\130		88	
\131	Y	Y	Y	Y	Y	Y	Y	Y	Y		Π	\131		89	
\132	Z	Z	Z	Z	Z	Z	Z	Z	Z		∫	\132		90	
\133	[	[	[	b	[	[	[	[	U		U	\133		91	
\134	“	“	\	h	“	“	\	“	U		U	\134		92	
\135	]	/	]	#	]	]	]	]	⊕		⊕	\135		93	
\136	^	^	^	(	^	^	^	^	^		^	\136		94	
\137	.	.	.	)	.	.	.	.	^		^	\137		95	
\140	‘	‘	‘	ℓ	‘	‘	‘	‘	∇		∇	\140		96	
\141	a	a	a	a	a	a	a	a	⊥		Π	\141		97	
\142	b	b	b	b	b	b	b	b	⊥		⊥	\142		98	
\143	c	c	c	c	c	c	c	c	⊥		⊥	\143		99	
\144	d	d	d	d	d	d	d	d	⊥		~	\144		100	
\145	e	e	e	e	e	e	e	e	⊥		~	\145		101	
\146	f	f	f	f	f	f	f	f	{		~	\146		102	
\147	g	g	g	g	g	g	g	g	}			\147		103	
\150	h	h	h	h	h	h	h	h	⊂			\150		104	
\151	i	i	i	i	i	i	i	i	⊃			\151		105	
\152	j	j	j	j	j	j	j	j				\152		106	
\153	k	k	k	k	k	k	k	k				\153		107	
\154	l	l	l	l	l	l	l	l	↕			\154		108	
\155	m	m	m	m	m	m	m	m	↕			\155		109	
\156	n	n	n	n	n	n	n	n	\			\156		110	
\157	o	o	o	o	o	o	o	o	⋈			\157		111	
\160	p	p	p	p	p	p	p	p	√		√	\160		112	
\161	q	q	q	q	q	q	q	q	Π		√	\161		113	
\162	r	r	r	r	r	r	r	r	∇		√	\162		114	
\163	s	s	s	s	s	s	s	s	∫		√	\163		115	
\164	t	t	t	t	t	t	t	t	⊥		√	\164		116	
\165	u	u	u	u	u	u	u	u	⊥		√	\165		117	
\166	v	v	v	v	v	v	v	v	⊥		⊥	\166		118	
\167	w	w	w	w	w	w	w	w	⊥			\167		119	
\170	x	x	x	x	x	x	x	x	§		↑	\170		120	
\171	y	y	y	y	y	y	y	y	†		↓	\171		121	
\172	z	z	z	z	z	z	z	z	‡		⋈	\172		122	
\173	—	—	{	ι	—	—	{	—	♣		⋈	\173		123	
\174	—	—		j	—	—		—	♣		⋈	\174		124	
\175	”	”	}	⋈	”	”	}	”	◇		⋈	\175		125	

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Oct	CMR10	CMTH10	CMTT10	CMML10	CMU10	CMSS10	CMTEX10	CMFF10	CMSY10	LASY10	CMEX10-Baseline	Oct	Dec
$\backslash 176$	$\sim$	$\sim$	$\sim$	$\rightarrow$	$\sim$	$\sim$	$\sim$	$\sim$	$\heartsuit$		$\uparrow$	$\backslash 176$	126
$\backslash 177, \backslash 304$	$\cdot$	$\cdot$	$\cdot$	$\cdot$	$\cdot$	$\cdot$	$\int$	$\cdot$	$\spadesuit$		$\nwarrow$	$\backslash 177, \backslash 304$	127, 196

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