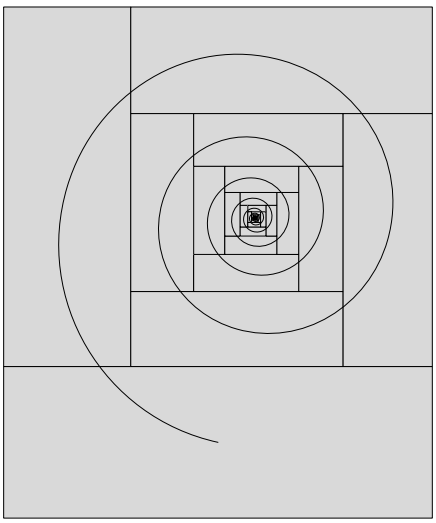
B. Jackowski and J. M. Nowacki



TEX Gyre Chorus

The Technical Documentation of the Font

Welcome to the TEX Gyre Project

The text below is a slightly modified small excerpt from the article "The New Font Project: TEX Gyre" by Hans Hagen, NTG, Jerzy Ludwichowski, GUST, and Volker RW Schaa, DANTE e.V. (http://www.gust.org.pl/projects/e-foundry/tex-gyre/tb86hagen-gyre.pdf). The article presents in detail the origins and scope of the TEX Gyre Project, as well as the plans for the future.

The TEX Gyre Project is a brainchild of Hans Hagen, triggered mainly by the very good reception of the Latin Modern (LM) font project by the TEX community.

The aim is to prepare a set of families of fonts, where each font comprises a broad repertoire of Latin diacritical characters, based on the freely available good quality fonts distributed with Ghostscript. The main transformation will be an "LM-ization" of the fonts, i.e., providing as many diacritical characters per font as were prepared for the Latin Modern font package (ca. 400 diacritical characters, total—nearly 1200) with the aim to cover all European languages as well as some non-European ones (Vietnamese, Navajo).

The idea was suggested by the pdf TEX development team. Their proposal triggered a lively discussion by an informal group of representatives of several TEX user groups—notably Karl Berry (TUG), Hans Hagen (NTG), Jerzy Ludwichowski (GUST), Volker RW Schaa (DANTE)—who suggested that we should approach this project as a research, technical and implementation team, and promised their help in taking care of promotion, integration, supervising and financing.

Since the character sets provided are to be (almost) identical, such "LM-ized" fonts should work with all the TEX packages that the LM fonts work with, which will ease their integration and adoption. The results will be distributed, like the LM fonts, in the form of PostScript Type 1 fonts, OpenType fonts, MetaType1 sources and the supporting TEX machinery.

We emphasize that the preparing of fonts in the OpenType format is an important aspect of the project. OpenType fonts are becoming more and more popular, they are Unicode-based, can be used on various platforms and claim to be a replacement for Type 1 and TrueType fonts. Moreover, Type 1 fonts were declared obsolete by Adobe a few years ago.

Since the TFM format is restricted to 256 distinct character widths, it will still be necessary to prepare multiple metric and encoding files for each font. We look forward to an extended TFM format which will lift this restriction and, in conjunction with Open-Type, simplify delivery and usage of fonts with TEX. We especially look forward to assistance from pdf TEX users, because the pdf TEX team is working on the implementation on the support for OpenType fonts.

An important consideration from Hans Hagen: "In the end, even Ghostscript will benefit, so I can even imagine those fonts ending up in the Ghostscript distribution."

A coverage note

As was said before, the TEX Gyre project, following the Latin Modern project, aims at providing a rich collection of diacritical characters in the attempt to cover as many Latin-based scripts as possible. To our knowledge, the repertoire of characters covers all European languages as well as some other Latin-based alphabets such as Vietnamese and Navajo. We have frequently used the information presented by Michael Everson at the "The Alphabets of Europe" (http://www.evertype.com/alphabets/) web site. If you know about European languages that are not covered completely or if some glyphs have apparently wrong shapes—please let us know.

Neither Greek glyphs nor small caps glyphs are provided for TEX Gyre Chorus.

OpenType Layout features found in TEX Gyre Chorus

script = 'DFLT'
language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

script = 'cyrl'
language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

script = 'latn'
language = 'AZE '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'CRT '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'MOL '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'locl' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'NLD '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'PLK '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'ROM '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'locl' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = 'TRK '
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

language = <default>
features = 'aalt' 'dlig' 'frac' 'liga' 'lnum' 'onum' 'pnum' 'salt' 'ss01' 'ss02' 'ss03' 'ss04' 'tnum' 'zero' 'cpsp' 'kern' 'size'

Supported Unicode Blocks

```
0x0000 - 0x00FF ANSI
0x0080 - 0x00FF Latin Supplement and C1 Controls
0x0100 - 0x017F Latin Extended-A
0x0370 - 0x03FF Greek and Coptic
0x0400 - 0x04FF Cyrillic
0x1E00 - 0x1EFF Latin Extended Additional
```

Supported Windows Code Pages

```
1250 ANSI Latin 2 (Central Europe)
1251 ANSI Cyrillic
1252 ANSI Latin 1
1254 ANSI Turkish
1257 ANSI Baltic
1258 ANSI Vietnam
```

TEX Gyre Chorus Families

"TeX Gyre Chorus" -> *0369 OThamburgefionst*

Examples of the OTF features of TEX Gyre Chorus

"TeX Gyre Chorus:+tnum" / "0123456789 ABC abc" -> *0123456789 ABC abc*

"TeX Gyre Chorus:+pnum" / "0123456789 ABC abc" -> *0123456789 ABC abc*

"TeX Gyre Chorus:+onum" / "0123456789 ABC abc" -> *0123456789 ABC abc*

"TeX Gyre Chorus:+zero" / "01234 ABC abc" -> *01234 ABC abc*

"TeX Gyre Chorus:+frac" / "01/23/4 ABC abc" -> *0½¾ ABC abc*

"TeX Gyre Chorus:language=PLK" / "Jagiełło fifka fijn uff" -> *Jagiełło fifka fijn uff*

"TeX Gyre Chorus:language=NLD" / "Jagiełło fifka fijn uff" -> *Jagiełło fifka fijn uff*

"TeX Gyre Chorus:language=TRK" / "Jagiełło fifka fijn uff" -> *Jagiełło fifka fijn uff*

"TeX Gyre Chorus:-liga" / "Jagiełło fifka fijn uff" -> *Jagiełło fifka fijn uff*

"TeX Gyre Chorus:-salt" / "Ī ī ® ©" -> *Ī ī ® ©*

"TeX Gyre Chorus:+salt" / "Ī ī ® ©" -> *Ī ī ® ©*

"TeX Gyre Chorus" / "\char"015E \char"015F" -> *Ş ş*

"TeX Gyre Chorus:language=ROM,+locl" / "\char"015E \char"015F" -> *Ş ş*

The repertoire of glyphs of TEX Gyre Chorus

Each subcolumn contains: unicode number (if present), glyphs in all variants, the OTF name or the OTF name placed above the Type 1 name (if they differ).

0. No unicodes

´	acute.dup
Æ	AE.dup
æ	ae.dup
¸	cedilla.dup
ˆ	circumflex.dup
¨	dieresis.dup
ℓ	l.script.dup ell
Ģ	Gcedilla
ģ	gcedilla
ß	germandbls.dup
-	hyphen.dup
Ķ	Kcedilla
ķ	kcedilla
Ļ	Lcedilla
ļ	lcedilla
¯	macron.dup
Ņ	Ncedilla
ņ	ncedilla
Œ	OE.dup
œ	oe.dup
Ø	Oslash.dup
ø	oslash.dup
‘	quoteleft.dup
’	quoteright.dup
Ŗ	Rcedilla
ŗ	rcedilla
˜	tilde.dup

1. Standard low unicodes 0020 .. 007E

0020		space
0021	!	exclam
0022	″	quotedbl
0023	#	numbersign
0024	$	dollar
0025	%	percent
0026	&	ampersand
0027	′	quotesingle
0028	(	parenleft
0029	)	parenright
002A	*	asterisk
002B	+	plus
002C	,	comma
002D	-	hyphen
002E	.	period
002F	/	slash
0030	0	zero
0031	1	one
0032	2	two
0033	3	three
0034	4	four
0035	5	five
0036	6	six
0037	7	seven
0038	8	eight
0039	9	nine
003A	:	colon
003B	;	semicolon
003C	<	less
003D	=	equal
003E	>	greater
003F	?	question
0040	@	at
0041	A	A
0042	B	B
0043	C	C
0044	D	D
0045	E	E
0046	F	F
0047	G	G
0048	H	H
0049	I	I
004A	J	J
004B	K	K
004C	L	L
004D	M	M

004E	$\mathcal{N}$	N
004F	$\mathcal{O}$	O
0050	$\mathcal{P}$	P
0051	$\mathcal{Q}$	Q
0052	$\mathcal{R}$	R
0053	$\mathcal{S}$	S
0054	$\mathcal{T}$	T
0055	$\mathcal{U}$	U
0056	$\mathcal{V}$	V
0057	$\mathcal{W}$	W
0058	$\mathcal{X}$	X
0059	$\mathcal{Y}$	Y
005A	$\mathcal{Z}$	Z
005B	$[$	bracketleft
005C	\	backslash
005D	$]$	bracketright
005E	^	asciicircum
005F	_	underscore
0060	`	grave
0061	a	a
0062	b	b
0063	c	c
0064	d	d
0065	e	e
0066	f	f
0067	g	g
0068	h	h
0069	i	i
006A	j	j
006B	k	k
006C	l	l
006D	m	m
006E	n	n
006F	o	o
0070	p	p
0071	q	q
0072	r	r
0073	s	s
0074	t	t
0075	u	u
0076	v	v
0077	w	w
0078	x	x
0079	y	y
007A	z	z
007B	$\{$	braceleft
007C	|	bar
007D	$\}$	braceright
007E	~	asciitilde

2. Standard high unicodes FB00 .. FB06

FB00	ff	f_f ff
FB01	fi	f_i fi
FB02	fl	f_l fl
FB03	ffi	f_f_i ffi
FB04	ffl	f_f_l ffl

3. Standard other unicodes 0080 .. DFFF (actually in 00A0 .. uni2AB0)

00A0		uni00A0 nbspace
00A1	¡	exclamdown
00A2	¢	cent
00A3	£	sterling
00A4	¤	currency
00A5	¥	yen
00A6	¦	brokenbar
00A7	§	section
00A8	¨	dieresis
00A9	©	copyright
00AA	ª	ordfeminine
00AB	«	guillemotleft
00AC	¬	logicalnot
00AD	-	uni00AD sfthyphen
00AE	®	registered
00AF	¯	macron
00B0	°	degree
00B1	±	plusminus
00B2	²	two.superior
00B3	³	three.superior
00B4	´	acute

00B5	μ	uni00B5 mu
00B6	¶	paragraph
00B7	·	periodcentered
00B8	¸	cedilla
00B9	¹	one.superior
00BA	º	ordmasculine
00BB	»	guillemotright
00BC	¼	onequarter
00BD	½	onehalf
00BE	¾	threequarters
00BF	¿	questiondown
00C0	À	Agrave
00C1	Á	Aacute
00C2	Â	Acircumflex
00C3	Ã	Atilde
00C4	Ä	Adieresis
00C5	Å	Aring
00C6	Æ	AE
00C7	Ç	Ccedilla
00C8	È	Egrave
00C9	É	Eacute
00CA	Ê	Ecircumflex
00CB	Ë	Edieresis
00CC	Ì	Igrave
00CD	Í	Iacute
00CE	Î	Icircumflex
00CF	Ï	Idieresis
00D0	Ð	Eth
00D1	Ñ	Ntilde
00D2	Ò	Ograve
00D3	Ó	Oacute
00D4	Ô	Ocircumflex
00D5	Õ	Otilde
00D6	Ö	Odieresis
00D7	×	multiply
00D8	Ø	Oslash
00D9	Ù	Ugrave
00DA	Ú	Uacute
00DB	Û	Ucircumflex
00DC	Ü	Udieresis
00DD	Ý	Yacute
00DE	Þ	Thorn
00DF	ß	germandbls
00E0	à	agrave
00E1	á	aacute
00E2	â	acircumflex
00E3	ã	atilde
00E4	ä	adieresis
00E5	å	aring
00E6	æ	ae
00E7	ç	ccedilla
00E8	è	egrave
00E9	é	eacute
00EA	ê	ecircumflex
00EB	ë	edieresis
00EC	ì	igrave
00ED	í	iacute
00EE	î	icircumflex
00EF	ï	idieresis
00F0	ð	eth
00F1	ñ	ntilde
00F2	ò	ograve
00F3	ó	oacute
00F4	ô	ocircumflex
00F5	õ	otilde
00F6	ö	odieresis
00F7	÷	divide
00F8	ø	oslash
00F9	ù	ugrave
00FA	ú	uacute
00FB	û	ucircumflex
00FC	ü	udieresis
00FD	ý	yacute
00FE	þ	thorn
00FF	ÿ	ydieresis
0100	Ā	Amacron
0101	ā	amacron
0102	Ă	Abreve
0103	ă	abreve
0104	Ą	Aogonek
0105	ą	aogonek
0106	Ć	Cacute
0107	ć	cacute
0108	Ĉ	Ccircumflex
0109	ĉ	ccircumflex
010A	Ċ	Cdotaccent
010B	ċ	cdotaccent
010C	Č	Ccaron
010D	č	ccaron
010E	Ď	Dcaron

010F	ď	dcaron
0110	Đ	Dcroat
0111	đ	dcroat
0112	Ē	Emacron
0113	ē	emacron
0114	Ĕ	Ebreve
0115	ĕ	ebreve
0116	Ė	Edotaccent
0117	ė	edotaccent
0118	Ę	Eogonek
0119	ę	eogonek
011A	Ě	Ecaron
011B	ě	ecaron
011C	Ĝ	Gcircumflex
011D	ĝ	gcircumflex
011E	Ğ	Gbreve
011F	ğ	gbreve
0120	Ġ	Gdotaccent
0121	ġ	gdotaccent
0122	Ģ	Gcommaaccent
0123	ģ	gcommaaccent
0124	Ĥ	Hcircumflex
0125	ĥ	hcircumflex
0126	Ħ	Hbar
0127	ħ	hbar
0128	Ĩ	Itilde
0129	ĩ	itilde
012A	Ī	Imacron
012B	ī	imacron
012C	Ĭ	Ibreve
012D	ĭ	ibreve
012E	Į	Iogonek
012F	į	iogonek
0130	İ	Idotaccent
0131	ı	dotlessi
0132	IJ	I_J IJ
0133	ij	i_j ij
0134	Ĵ	Jcircumflex
0135	ĵ	jcircumflex
0136	Ķ	Kcommaaccent
0137	ķ	kcommaaccent
0139	Ĺ	Lacute
013A	ĺ	lacute
013B	Ļ	Lcommaaccent
013C	ļ	lcommaaccent
013D	Ľ	Lcaron
013E	ľ	lcaron
013F	Ŀ	Ldot
0140	ŀ	ldot
0141	Ł	Lslash
0142	ł	lslash
0143	Ń	Nacute
0144	ń	nacute
0145	Ņ	Ncommaaccent
0146	ņ	ncommaaccent
0147	Ň	Ncaron
0148	ň	ncaron
014A	Ŋ	Eng
014B	ŋ	eng
014C	Ō	Omacron
014D	ō	omacron
014E	Ŏ	Obreve
014F	ŏ	obreve
0150	Ő	Ohungarumlaut
0151	ő	ohungarumlaut
0152	Œ	OE
0153	œ	oe
0154	Ŕ	Racute
0155	ŕ	racute
0156	Ŗ	Rcommaaccent
0157	ŗ	rcommaaccent
0158	Ř	Rcaron
0159	ř	rcaron
015A	Ś	Sacute
015B	ś	sacute
015C	Ŝ	Scircumflex
015D	ŝ	scircumflex
015E	Ş	Scedilla
015F	ş	scedilla
0160	Š	Scaron
0161	š	scaron
0162	Ţ	Tcedilla
0163	ţ	tcedilla
0164	Ť	Tcaron
0165	ť	tcaron
0168	Ũ	Utilde
0169	ũ	utilde
016A	Ū	Umacron
016B	ū	umacron
016C	Ŭ	Ubreve

016D	ŭ	ubreve
016E	Ů	Uring
016F	ů	uring
0170	Ű	Uhungarumlaut
0171	ű	uhungarumlaut
0172	Ų	Uogonek
0173	ų	uogonek
0174	Ŵ	Wcircumflex
0175	ŵ	wcircumflex
0176	Ŷ	Ycircumflex
0177	ŷ	ycircumflex
0178	Ÿ	Ydieresis
0179	Ź	Zacute
017A	ź	zacute
017B	Ż	Zdotaccent
017C	ż	zdotaccent
017D	Ž	Zcaron
017E	ž	zcaron
017F	ſ	longs
018E	Ǝ	Ereversed
0192	ƒ	florin
01A0	Ơ	Ohorn
01A1	ơ	ohorn
01AF	Ư	Uhorn
01B0	ư	uhorn
01CD	Ǎ	Acaron
01CE	ǎ	acaron
01CF	Ǐ	Icaron
01D0	ǐ	icaron
01D1	Ǒ	Ocaron
01D2	ǒ	ocaron
01D3	Ǔ	Ucaron
01D4	ǔ	ucaron
01D7	Ǘ	Udieresisacute
01D8	ǘ	udieresisacute
01D9	Ǚ	Udieresiscaron
01DA	ǚ	udieresiscaron
01DB	Ǜ	Udieresisgrave
01DC	ǜ	udieresisgrave
01DD	ǝ	eturned
01E6	Ǧ	Gcaron
01E7	ǧ	gcaron
01EA	Ǫ	Oogonek
01EB	ǫ	oogonek
01F0	ǰ	jcaron
01F4	Ǵ	Gacute
01F5	ǵ	gacute
01FA	Ǻ	Aringacute
01FB	ǻ	aringacute
01FC	Ǽ	AEacute
01FD	ǽ	aeacute
01FE	Ǿ	Oslashacute
01FF	ǿ	oslashacute
0200	Ȁ	Adblgrave
0201	ȁ	adblgrave
0204	Ȅ	Edblgrave
0205	ȅ	edblgrave
0208	Ȉ	Idblgrave
0209	ȉ	idblgrave
020C	Ȍ	Odblgrave
020D	ȍ	odblgrave
0210	Ȑ	Rdblgrave
0211	ȑ	rdblgrave
0214	Ȕ	Udblgrave
0215	ȕ	udblgrave
0218	Ș	uni0218 Scommaaccent
0219	ș	uni0219 scommaaccent
021A	Ț	uni021A Tcommaaccent
021B	ț	uni021B tcommaaccent
0237	ȷ	uni0237 dotlessj.dup
0258	ɘ	ereversed
0259	ə	schwa
02BE	ʾ	ringhalfright
02BF	ʿ	ringhalfleft
02C6	ˆ	circumflex
02C7	ˇ	caron
02D8	˘	breve
02D9	˙	dotaccent
02DA	˚	ring
02DB	˛	ogonek
02DC	˜	tilde
02DD	˝	hungarumlaut
0300	̀	uni0300 gravecomb
0301	́	uni0301 acutecomb
0302	̂	uni0302 circumflexcomb
0303	̃	uni0303 tildecomb
0304	̄	uni0304 macroncomb
0306	̆	uni0306 brevecomb

0307	◌̇	uni0307 dotaccentcomb
0308	◌̈	uni0308 dieresiscomb
0309	◌̉	uni0309 hookabovecomb
030A	◌̊	uni030A ringcomb
030B	◌̋	uni030B hungarumlautcomb
030C	◌̌	uni030C caroncomb
030F	◌̏	uni030F dblgravecomb
0311	◌̑	uni0311 breveinvertedcomb
0323	◌̣	uni0323 dotbelowcomb
0326	◌̦	uni0326 commaaccentcomb
032E	◌̮	uni032E brevebelowcomb
032F	◌̯	uni032F brevebelowinvertedcomb
0330	◌̰	uni0330 tildebelowcomb
0331	◌̱	uni0331 macronbelowcomb
0332	◌̲	uni0332 linebelowcomb
0394	Δ	Delta
03A9	Ω	Omega
0E3F	฿	baht
1E0C	Ḍ	Ddotbelow
1E0D	ḍ	ddotbelow
1E0E	Ḏ	Dlinebelow
1E0F	ḏ	dlinebelow
1E24	Ḥ	Hdotbelow
1E25	ḥ	hdotbelow
1E26	Ḧ	Hdieresis
1E27	ḧ	hdieresis
1E2A	Ḫ	Hbrevebelow
1E2B	ḫ	hbrevebelow
1E2E	Ḯ	Idieresisacute
1E2F	ḯ	idieresisacute
1E36	Ḷ	Ldotbelow
1E37	ḷ	ldotbelow
1E38	Ḹ	Ldotbelowmacron
1E39	ḹ	ldotbelowmacron
1E42	Ṃ	Mdotbelow
1E43	ṃ	mdotbelow
1E44	Ṅ	Ndotaccent
1E45	ṅ	ndotaccent
1E46	Ṇ	Ndotbelow
1E47	ṇ	ndotbelow
1E58	Ṙ	Rdotaccent
1E59	ṙ	rdotaccent
1E5A	Ṛ	Rdotbelow
1E5B	ṛ	rdotbelow
1E5C	Ṝ	Rdotbelowmacron
1E5D	ṝ	rdotbelowmacron
1E62	Ṣ	Sdotbelow
1E63	ṣ	sdotbelow
1E6C	Ṭ	Tdotbelow
1E6D	ṭ	tdotbelow
1E6E	Ṯ	Tlinebelow
1E6F	ṯ	tlinebelow
1E80	Ẁ	Wgrave
1E81	ẁ	wgrave
1E82	Ẃ	Wacute
1E83	ẃ	wacute
1E84	Ẅ	Wdieresis
1E85	ẅ	wdieresis
1E92	Ẓ	Zdotbelow
1E93	ẓ	zdotbelow
1E97	ẗ	tdieresis
1EA0	Ạ	Adotbelow
1EA1	ạ	adotbelow
1EA2	Ả	Ahookabove
1EA3	ả	ahookabove
1EA4	Ấ	Acircumflexacute
1EA5	ấ	acircumflexacute
1EA6	Ầ	Acircumflexgrave
1EA7	ầ	acircumflexgrave
1EA8	Ẩ	Acircumflexhookabove
1EA9	ẩ	acircumflexhookabove
1EAA	Ẫ	Acircumflextilde
1EAB	ẫ	acircumflextilde
1EAC	Ậ	Acircumflexdotbelow
1EAD	ậ	acircumflexdotbelow
1EAE	Ắ	Abreveacute
1EAF	ắ	abreveacute
1EB0	Ằ	Abrevegrave
1EB1	ằ	abrevegrave
1EB2	Ẳ	Abrevehookabove
1EB3	ẳ	abrevehookabove
1EB4	Ẵ	Abrevetilde
1EB5	ẵ	abrevetilde
1EB6	Ặ	Abrevedotbelow
1EB7	ặ	abrevedotbelow
1EB8	Ẹ	Edotbelow
1EB9	ẹ	edotbelow

1EBA	Ẻ	Ehookabove
1EBB	ẻ	ehookabove
1EBC	Ẽ	Etilde
1EBD	ẽ	etilde
1EBE	Ế	Ecircumflexacute
1EBF	ế	ecircumflexacute
1EC0	Ề	Ecircumflexgrave
1EC1	ề	ecircumflexgrave
1EC2	Ể	Ecircumflexhookabove
1EC3	ể	ecircumflexhookabove
1EC4	Ễ	Ecircumflextilde
1EC5	ễ	ecircumflextilde
1EC6	Ệ	Ecircumflexdotbelow
1EC7	ệ	ecircumflexdotbelow
1EC8	Ỉ	Ihookabove
1EC9	ỉ	ihookabove
1ECA	Ị	Idotbelow
1ECB	ị	idotbelow
1ECC	Ọ	Odotbelow
1ECD	ọ	odotbelow
1ECE	Ỏ	Ohookabove
1ECF	ỏ	ohookabove
1ED0	Ố	Ocircumflexacute
1ED1	ố	ocircumflexacute
1ED2	Ồ	Ocircumflexgrave
1ED3	ồ	ocircumflexgrave
1ED4	Ổ	Ocircumflexhookabove
1ED5	ổ	ocircumflexhookabove
1ED6	Ỗ	Ocircumflextilde
1ED7	ỗ	ocircumflextilde
1ED8	Ộ	Ocircumflexdotbelow
1ED9	ộ	ocircumflexdotbelow
1EDA	Ớ	Ohornacute
1EDB	ớ	ohornacute
1EDC	Ờ	Ohorngrave
1EDD	ờ	ohorngrave
1EDE	Ở	Ohornhookabove
1EDF	ở	ohornhookabove
1EE0	Ỡ	Ohorntilde
1EE1	ỡ	ohorntilde
1EE2	Ợ	Ohorndotbelow
1EE3	ợ	ohorndotbelow
1EE4	Ụ	Udotbelow
1EE5	ụ	udotbelow
1EE6	Ủ	Uhookabove
1EE7	ủ	uhookabove
1EE8	Ứ	Uhornacute
1EE9	ứ	uhornacute
1EEA	Ừ	Uhorngrave
1EEB	ừ	uhorngrave
1EEC	Ử	Uhornhookabove
1EED	ử	uhornhookabove
1EEE	Ữ	Uhorntilde
1EEF	ữ	uhorntilde
1EF0	Ự	Uhorndotbelow
1EF1	ự	uhorndotbelow
1EF2	Ỳ	Ygrave
1EF3	ỳ	ygrave
1EF4	Ỵ	Ydotbelow
1EF5	ỵ	ydotbelow
1EF6	Ỷ	Yhookabove
1EF7	ỷ	yhookabove
1EF8	Ỹ	Ytilde
1EF9	ỹ	ytilde
2013	–	endash
2014	—	emdash
2016	‖	dblverticalbar
2018	‘	quoteleft
2019	’	quoteright
201A	‚	quotesinglbase
201C	“	quotedblleft
201D	”	quotedblright
201E	„	quotedblbase
2020	†	dagger
2021	‡	daggerdbl
2022	•	bullet
2026	…	ellipsis
2030	‰	perthousand
2031	‱	permyriad
2039	‹	guilsinglleft
203A	›	guilsinglright
203B	※	referencemark
203D	‽	interrobang
2044	⁄	fraction
2045	⁅	quillbracketleft
2046	⁆	quillbracketright
2052	⁒	discount
20A1	₡	colonmonetary
20A4	₤	lira
20A6	₦	naira

20A9	₩	won
20AB	₫	dong
20AC	€	Euro
20B1	₱	peso
2103	℃	centigrade
2113	ℓ	l.script lscript
2116	№	numero
2117	℗	published
2118	℘	weierstrass
211E	℞	recipe
2120	℠	servicemark
2122	™	trademark
2126	Ω	ohm
2127	℧	uni2127 mho
212E	℮	estimated
2190	←	uni2190 arrowleft
2191	↑	uni2191 arrowup
2192	→	uni2192 arrowright
2193	↓	uni2193 arrowdown
2202	∂	partialdiff
2211	∑	summation
2212	−	minus
2213	∓	minusplus
2215	∕	fraction.alt
2217	∗	asterisk.math asteriskmath
221A	√	radical
221E	∞	infinity
2222	∢	anglearc
2248	≈	approxequal
2260	≠	notequal
2264	≤	lessequal
2265	≥	greaterequal
22C6	⋆	star
2300	⌀	diameter
2329	〈	angleleft
232A	〉	angleright
2422	␢	blanksymbol
2423	␣	uni2423
25CA	◊	lozenge
25E6	∘	openbullet
266A	♪	uni266A musicalnote
26AD	⚭	married
26AE	⚮	divorced
27E6	⟦	dblbracketleft
27E7	⟧	dblbracketright
2A7D	⩽	lessequal.slant lessorequalslant
2A7E	⩾	greaterequal.slant greaterorequalslant

4. Private unicodes [sc] E000 .. E061, empty in this font

5. Private [ligs] unicodes E800 .. E804

E803	ﬞ	f_k

6. Private [acc] unicodes EA00 .. EA46, see also sec. 9

EA00	´	acute.cap Acute
EA01	◌́	uni0301.cap Acutecomb
EA02	◌̆	breve.cap Breve
EA03	◌̆́	space_uni0306_uni0301.cap Breveacute
EA04	◌̆́	space_uni0306_uni0301 breveacute
EA05	◌̮	space_uni032E brevebelow
EA06	◌̯	space_uni032F brevebelowinverted
EA07	◌̑	uni0306.cap Brevecomb
EA08	◌̏	space_uni0306_uni0300.cap Brevegrave
EA09	◌̏	space_uni0306_uni0300 brevegrave
EA0A	◌̉	space_uni0306_uni0309.cap Brevehookabove
EA0B	◌̉	space_uni0306_uni0309 brevehookabove
EA0C	◌̒	space_uni0311.cap Breveinverted
EA0D	◌̒	space_uni0311 breveinverted
EA0E	◌̒	uni0311.cap Breveinvertedcomb
EA0F	◌̃	space_uni0306_uni0303.cap Brevetilde
EA10	◌̃	space_uni0306_uni0303 brevetilde

EA11	ˇ	caron.cap Caron
EA14	ˇ	uni030C.cap Caroncomb
EA15	ˆ	circumflex.cap Circumflex
EA16	ấ	space_uni0302_uni0301.cap Circumflexacute
EA17	ấ	space_uni0302_uni0301 circumflexacute
EA18	ˆ	uni0302.cap Circumflexcomb
EA19	ầ	space_uni0302_uni0300.cap Circumflexgrave
EA1A	ầ	space_uni0302_uni0300 circumflexgrave
EA1B	ẩ	space_uni0302_uni0309.cap Circumflexhookabove
EA1C	ẩ	space_uni0302_uni0309 circumflexhookabove
EA1D	ẫ	space_uni0302_uni0303.cap Circumflextilde
EA1E	ẫ	space_uni0302_uni0303 circumflextilde
EA1F	˛	space_uni0326 commaaccent
EA21	˘	breve.cyrcap cyrBreve
EA22	˘	breve.cyr cyrbreve
EA23	̂	circumflex.cyrcap cyrFlex
EA24	̂	circumflex.cyr cyrflex
EA25	̏	space_uni030F.cap dblGrave
EA26	̏	space_uni030F dblgrave
EA27	̏	uni030F.cap dblGravecomb
EA28	¨	dieresis.cap Dieresis
EA29	̈́	space_uni0308_uni0301.cap Dieresisacute
EA2A	̈́	space_uni0308_uni0301 dieresisacute
EA2B	̈̌	space_uni0308_uni030C.cap Dieresiscaron
EA2C	̈̌	space_uni0308_uni030C dieresiscaron
EA2D	¨	uni0308.cap Dieresiscomb
EA2E	̈̀	space_uni0308_uni0300.cap Dieresisgrave
EA2F	̈̀	space_uni0308_uni0300 dieresisgrave
EA30	˙	dotaccent.cap Dotaccent
EA31	̇	uni0307.cap Dotaccentcomb
EA32	`	grave.cap Grave
EA33	̀	uni0300.cap Gravecomb
EA34	̉	space_uni0309.cap Hookabove
EA35	̉	space_uni0309 hookabove
EA36	̉	uni0309.cap Hookabovecomb
EA38	˝	hungarumlaut.cap Hungarumlaut
EA39	̋	uni030B.cap Hungarumlautcomb
EA3A	_	space_uni0332 linebelow
EA3B	¯	macron.cap Macron
EA3C	-	macron.cap.alt Macron.alt
EA3D	¯	macron.alt
EA3E	_	space_uni0331 macronbelow
EA3F	̄	uni0304.cap Macroncomb
EA40	°	ring.cap Ring
EA41	́̊	space_uni030A_uni0301.cap Ringacute
EA42	́̊	space_uni030A_uni0301 ringacute
EA43	°	uni030A.cap Ringcomb
EA44	~	tilde.cap Tilde
EA45	~	space_uni0330 tildebelow
EA46	~	uni0303.cap Tildecomb

7. Private [misc] unicodes EB00 .. uniEB7D and uniEC00 .. uniEC12

EB02	´	acute.ts1
EB03	Ą́	Aogonekacute
EB04	ą́	aogonekacute
EB05	@	at.alt
EB08	◯	bigcircle
EB09	⋆	star.alt born
EB0A	˘	breve.ts1
EB0D	ˇ	caron.ts1
EB0F	℗	copyleft
EB10		cwm
EB11		cwmascender
EB12		cwmcapital
EB15	̏	dblgrave.ts1
EB16	†	died
EB17	¨	dieresis.ts1
EB19	̣	space_uni0323 dotbelow

EB1E	Ę́	Eogonekacute
EB1F	ę́	eogonekacute
EB28	SS	S_S Germandbls
EB29	ɐ	gnaborretni
EB2A	`	grave.ts1
EB2B	G̀	guarani
EB2E	˝	hungarumlaut.ts1
EB2F	-	hyphen.alt
EB30	-	hyphen.prop
EB31	=	hyphendbl
EB32	=	hyphendbl.alt
EB35	Į́	Iogonekacute
EB36	į́	iogonekacute
EB3A	J́	Jacute
EB3B	ǰ	jacute
EB40	⌀	leaf
EB43	¯	macron.ts1
EB48	Ǫ́	Oogonekacute
EB49	ǫ́	oogonekacute
EB4C	¶	paragraph.alt
EB4D	0	perthousandzero
EB52	„	quotedblbase.ts1
EB56	‚	quotesinglbase.ts1
EB57	'	quotesingle.ts1
EB5A	®	registered.alt
EB61	⌐	suppress
EB63	‿	tieaccentcapital
EB64	‿	tieaccentcapital.new
EB65	‿	tieaccentlowercase
EB66	‿	tieaccentlowercase.new
EB67	~	asciitilde.low tildelow
EB6B	—	emdash.alt twelveudash
EB6E	Ụ	U_uni032F Ubrevebelowinverted
EB6F	ụ	u_uni032F ubrevebelowinverted
EB7E	J̌	J_uni030C.cap J_caron
EC06	ī	imacron.alt
EC07	Ī	Imacron.alt
EC08	H̃	H_uni0303 Htilde
EC09	h̃	h_uni0303 htilde
EC0A	L̃	L_uni0303 Ltilde
EC0B	l̃	l_uni0303 ltilde
EC0C	T̃	T_uni0303 Ttilde
EC0D	t̃	t_uni0303 ttilde
EC0E	T̈	T_uni0308 Tdieresis
EC0F	ł	lslash_lslash
EC10	Ọ	Orogate
EC11	ọ	orogate

8. Private unicodes [math] ED00 .. ED7A, empty so far

9. Adobe Glyph List 2.00 private unicodes and Adobe Corporate Use Subarea

F638	0	zero.slash
F639	0	zero.prop
F63A	2	two.prop
F63B	3	three.prop
F63C	4	four.prop
F63D	5	five.prop
F63E	6	six.prop
F63F	7	seven.prop
F640	8	eight.prop
F641	9	nine.prop
F643	0	zero.taboldstyle
F644	1	one.taboldstyle
F645	2	two.taboldstyle
F646	3	three.taboldstyle
F647	4	four.taboldstyle
F648	5	five.taboldstyle
F649	6	six.taboldstyle
F64A	7	seven.taboldstyle
F64B	8	eight.taboldstyle
F64C	9	nine.taboldstyle
F6BE	j	dotlessj
F6DC	1	one.prop
F6DE	—	threequartersemdash
F724	$	dollar.oldstyle
F730	0	zero.oldstyle
F731	1	one.oldstyle
F732	2	two.oldstyle
F733	3	three.oldstyle
F734	4	four.oldstyle
F735	5	five.oldstyle

F736	*6*	six.oldstyle
F737	*7*	seven.oldstyle
F738	*8*	eight.oldstyle
F739	*9*	nine.oldstyle
F7A2	*¢*	cent.oldstyle

TEX Gyre Chorus: CS (CS TUG) encoding table

1 x01 |Δ|

10 x0A |Ω|
11 x0B |ff|
12 x0C |fi|
13 x0D |fl|
14 x0E |ffi|
15 x0F |ffl|
16 x10 |ı|
17 x11 |ȷ|
18 x12 |`|
19 x13 |´|
20 x14 |ˇ|
21 x15 |˘|
22 x16 |¯|
23 x17 |˚|
24 x18 |¸|
25 x19 |ß|
26 x1A |æ|
27 x1B |œ|
28 x1C |ø|
29 x1D |Æ|
30 x1E |Œ|
31 x1F |Ø|
32 x20 | |
33 x21 |!|
34 x22 |"|
35 x23 |#|
36 x24 |$|
37 x25 |%|
38 x26 |&|
39 x27 |'|
40 x28 |(|
41 x29 |)|
42 x2A |*|
43 x2B |+|
44 x2C |,|
45 x2D |-|
46 x2E |.|
47 x2F |/|
48 x30 |0|
49 x31 |1|
50 x32 |2|
51 x33 |3|
52 x34 |4|
53 x35 |5|
54 x36 |6|
55 x37 |7|
56 x38 |8|
57 x39 |9|
58 x3A |:|
59 x3B |;|
60 x3C |<|
61 x3D |=|
62 x3E |>|
63 x3F |?|
64 x40 |@|
65 x41 |A|
66 x42 |B|
67 x43 |C|
68 x44 |D|
69 x45 |E|
70 x46 |F|
71 x47 |G|
72 x48 |H|
73 x49 |I|
74 x4A |J|
75 x4B |K|
76 x4C |L|
77 x4D |M|
78 x4E |N|
79 x4F |O|
80 x50 |P|
81 x51 |Q|
82 x52 |R|
83 x53 |S|
84 x54 |T|
85 x55 |U|
86 x56 |V|
87 x57 |W|
88 x58 |X|
89 x59 |Y|
90 x5A |Z|
91 x5B |[|
92 x5C |\|
93 x5D |]|
94 x5E |^|
95 x5F |_|
96 x60 |`|
97 x61 |a|
98 x62 |b|
99 x63 |c|
100 x64 |d|
101 x65 |e|
102 x66 |f|
103 x67 |g|
104 x68 |h|
105 x69 |i|
106 x6A |j|
107 x6B |k|
108 x6C |l|
109 x6D |m|
110 x6E |n|
111 x6F |o|
112 x70 |p|
113 x71 |q|
114 x72 |r|
115 x73 |s|
116 x74 |t|
117 x75 |u|
118 x76 |v|
119 x77 |w|
120 x78 |x|
121 x79 |y|
122 x7A |z|
123 x7B |–|
124 x7C |—|
125 x7D |˝|
126 x7E |˜|
127 x7F |¨|
128 x80 |…|
129 x81 |ƒ|
130 x82 |⁄|
131 x83 |•|
132 x84 |£|
133 x85 |¶|
134 x86 |€|
136 x88 |™|
137 x89 |©|
138 x8A |®|
141 x8D |‰|
142 x8E |„|
143 x8F |“|
149 x95 |”|
150 x96 |’|
151 x97 |‚|
152 x98 |‛|
154 x9A |‚|
156 x9C |‒|
157 x9D |↓|
158 x9E |«|
159 x9F |»|
161 xA1 |Ą|
163 xA3 |Ł|
164 xA4 |€|
165 xA5 |Ľ|
166 xA6 |Ś|
167 xA7 |§|
169 xA9 |Š|
170 xAA |Ş|
171 xAB |Ť|
172 xAC |Ź|
174 xAE |Ž|
175 xAF |Ż|
176 xB0 |°|
177 xB1 |ą|
179 xB3 |ł|
181 xB5 |ľ|
182 xB6 |ś|
184 xB8 |ą|
185 xB9 |š|
186 xBA |ş|
187 xBB |ť|
188 xBC |ź|
189 xBD |˝|
190 xBE |ž|
191 xBF |ż|
192 xC0 |Ŕ|
193 xC1 |Á|
194 xC2 |Â|
195 xC3 |Ă|
196 xC4 |Ä|
197 xC5 |Ĺ|
198 xC6 |Ć|
199 xC7 |Ç|
200 xC8 |Č|
201 xC9 |É|
202 xCA |Ę|
203 xCB |Ë|
204 xCC |Ě|
205 xCD |Í|
206 xCE |Î|
207 xCF |Ď|
208 xD0 |Đ|
209 xD1 |Ń|
210 xD2 |Ň|
211 xD3 |Ó|
212 xD4 |Ô|
213 xD5 |Ő|
214 xD6 |Ö|
215 xD7 |×|
216 xD8 |Ř|
217 xD9 |Ů|
218 xDA |Ú|
219 xDB |Ű|
220 xDC |Ü|
221 xDD |Ý|
222 xDE |Ţ|
224 xE0 |ŕ|
225 xE1 |á|
226 xE2 |â|
227 xE3 |ă|
228 xE4 |ä|
229 xE5 |ĺ|
230 xE6 |ć|
231 xE7 |ç|
232 xE8 |č|
233 xE9 |é|
234 xEA |ę|
235 xEB |ë|
236 xEC |ě|
237 xED |í|
238 xEE |î|
239 xEF |ď|
240 xF0 |đ|
241 xF1 |ń|
242 xF2 |ň|
243 xF3 |ó|
244 xF4 |ô|
245 xF5 |ő|
246 xF6 |ö|
247 xF7 |÷|
248 xF8 |ř|
249 xF9 |ů|
250 xFA |ú|
251 xFB |ű|
252 xFC |ü|
253 xFD |ý|
254 xFE |ţ|
255 xFF |˙|

TEX Gyre Chorus: EC (Cork aka T1) encoding table

0 x00	37 x25	74 x4A	111 x6F	148 x94	185 x B9	222 xDE
1 x01	38 x26	75 x4B	112 x70	149 x95	186 xBA	223 xDF
2 x02	39 x27	76 x4C	113 x71	150 x96	187 xBB	224 xE0
3 x03	40 x28	77 x4D	114 x72	151 x97	188 xBC	225 xE1
4 x04	41 x29	78 x4E	115 x73	152 x98	189 xBD	226 xE2
5 x05	42 x2A	79 x4F	116 x74	153 x99	190 xBE	227 xE3
6 x06	43 x2B	80 x50	117 x75	154 x9A	191 xBF	228 xE4
7 x07	44 x2C	81 x51	118 x76	155 x9B	192 xC0	229 xE5
8 x08	45 x2D	82 x52	119 x77	156 x9C	193 xC1	230 xE6
9 x09	46 x2E	83 x53	120 x78	157 x9D	194 xC2	231 xE7
10 x0A	47 x2F	84 x54	121 x79	158 x9E	195 xC3	232 xE8
11 x0B	48 x30	85 x55	122 x7A	159 x9F	196 xC4	233 xE9
12 x0C	49 x31	86 x56	123 x7B	160 xA0	197 xC5	234 xEA
13 x0D	50 x32	87 x57	124 x7C	161 xA1	198 xC6	235 xEB
14 x0E	51 x33	88 x58	125 x7D	162 xA2	199 xC7	236 xEC
15 x0F	52 x34	89 x59	126 x7E	163 xA3	200 xC8	237 xED
16 x10	53 x35	90 x5A	127 x7F	164 xA4	201 xC9	238 xEE
17 x11	54 x36	91 x5B	128 x80	165 xA5	202 xCA	239 xEF
18 x12	55 x37	92 x5C	129 x81	166 xA6	203 xCB	240 xF0
19 x13	56 x38	93 x5D	130 x82	167 xA7	204 xCC	241 xF1
20 x14	57 x39	94 x5E	131 x83	168 xA8	205 xCD	242 xF2
21 x15	58 x3A	95 x5F	132 x84	169 xA9	206 xCE	243 xF3
22 x16	59 x3B	96 x60	133 x85	170 xAA	207 xCF	244 xF4
23 x17	60 x3C	97 x61	134 x86	171 xAB	208 xD0	245 xF5
24 x18	61 x3D	98 x62	135 x87	172 xAC	209 xD1	246 xF6
25 x19	62 x3E	99 x63	136 x88	173 xAD	210 xD2	247 xF7
26 x1A	63 x3F	100 x64	137 x89	174 xAE	211 xD3	248 xF8
27 x1B	64 x40	101 x65	138 x8A	175 xAF	212 xD4	249 xF9
28 x1C	65 x41	102 x66	139 x8B	176 xB0	213 xD5	250 xFA
29 x1D	66 x42	103 x67	140 x8C	177 xB1	214 xD6	251 xFB
30 x1E	67 x43	104 x68	141 x8D	178 xB2	215 xD7	252 xFC
31 x1F	68 x44	105 x69	142 x8E	179 xB3	216 xD8	253 xFD
32 x20	69 x45	106 x6A	143 x8F	180 xB4	217 xD9	254 xFE
33 x21	70 x46	107 x6B	144 x90	181 xB5	218 xDA	255 xFF
34 x22	71 x47	108 x6C	145 x91	182 xB6	219 xDB	
35 x23	72 x48	109 x6D	146 x92	183 xB7	220 xDC	
36 x24	73 x49	110 x6E	147 x93	184 xB8	221 xDD	

TEX Gyre Chorus: L7x (Lithuanian) encoding table

0	x00	`
1	x01	´
2	x02	ˆ
3	x03	˜
4	x04	¨
5	x05	˝
6	x06	˚
7	x07	ˇ
8	x08	˘
9	x09	¯
10	x0A	˙
11	x0B	¸
12	x0C	˛
13	x0D	‚
14	x0E	‹
15	x0F	›
16	x10	“
17	x11	”
18	x12	„
19	x13	«
20	x14	»
21	x15	–
22	x16	—
23	x17	
24	x18	o
25	x19	ı
26	x1A	ȷ
27	x1B	ff
28	x1C	fi
29	x1D	fl
30	x1E	ffi
31	x1F	ffl
32	x20	
33	x21	!
34	x22	"
35	x23	#
36	x24	$
37	x25	%
38	x26	&
39	x27	'
40	x28	(
41	x29	)
42	x2A	*
43	x2B	+
44	x2C	,
45	x2D	-
46	x2E	.
47	x2F	/
48	x30	0
49	x31	1
50	x32	2
51	x33	3
52	x34	4
53	x35	5
54	x36	6
55	x37	7
56	x38	8
57	x39	9
58	x3A	:
59	x3B	;
60	x3C	<
61	x3D	=
62	x3E	>
63	x3F	?
64	x40	@
65	x41	A
66	x42	B
67	x43	C
68	x44	D
69	x45	E
70	x46	F
71	x47	G
72	x48	H
73	x49	I
74	x4A	J
75	x4B	K
76	x4C	L
77	x4D	M
78	x4E	N
79	x4F	O
80	x50	P
81	x51	Q
82	x52	R
83	x53	S
84	x54	T
85	x55	U
86	x56	V
87	x57	W
88	x58	X
89	x59	Y
90	x5A	Z
91	x5B	[
92	x5C	\
93	x5D	]
94	x5E	^
95	x5F	_
96	x60	‘
97	x61	a
98	x62	b
99	x63	c
100	x64	d
101	x65	e
102	x66	f
103	x67	g
104	x68	h
105	x69	i
106	x6A	j
107	x6B	k
108	x6C	l
109	x6D	m
110	x6E	n
111	x6F	o
112	x70	p
113	x71	q
114	x72	r
115	x73	s
116	x74	t
117	x75	u
118	x76	v
119	x77	w
120	x78	x
121	x79	y
122	x7A	z
123	x7B	{
124	x7C	|
125	x7D	}
126	x7E	~
128	x80	€
131	x83	ƒ
133	x85	…
134	x86	†
135	x87	‡
137	x89	‰
140	x8C	Œ
149	x95	•
153	x99	™
156	x9C	œ
160	xA0	
162	xA2	¢
163	xA3	£
164	xA4	¤
166	xA6	¦
167	xA7	§
168	xA8	Ø
169	xA9	©
170	xAA	Ŗ
172	xAC	¬
173	xAD	-
174	xAE	®
175	xAF	Æ
176	xB0	°
177	xB1	±
178	xB2	²
179	xB3	³
181	xB5	µ
182	xB6	¶
183	xB7	·
184	xB8	ø
185	xB9	¹
186	xBA	ŗ
188	xBC	¼
189	xBD	½
190	xBE	¾
191	xBF	æ
192	xC0	Ą
193	xC1	Į
194	xC2	Ā
195	xC3	Ć
196	xC4	Ä
197	xC5	Å
198	xC6	Ę
199	xC7	Ē
200	xC8	Č
201	xC9	É
202	xCA	Ź
203	xCB	Ė
204	xCC	Ģ
205	xCD	Ķ
206	xCE	Ī
207	xCF	Ļ
208	xD0	Š
209	xD1	Ń
210	xD2	Ņ
211	xD3	Ó
212	xD4	Ō
213	xD5	Õ
214	xD6	Ö
215	xD7	×
216	xD8	Ų
217	xD9	Ł
218	xDA	Ś
219	xDB	Ū
220	xDC	Ü
221	xDD	Ż
222	xDE	Ž
223	xDF	ß
224	xE0	ą
225	xE1	į
226	xE2	ā
227	xE3	ć
228	xE4	ä
229	xE5	å
230	xE6	ę
231	xE7	ē
232	xE8	č
233	xE9	é
234	xEA	ź
235	xEB	ė
236	xEC	ģ
237	xED	ķ
238	xEE	ī
239	xEF	ļ
240	xF0	š
241	xF1	ń
242	xF2	ņ
243	xF3	ó
244	xF4	ō
245	xF5	õ
246	xF6	ö
247	xF7	÷
248	xF8	ų
249	xF9	ł
250	xFA	ś
251	xFB	ū
252	xFC	ü
253	xFD	ż
254	xFE	ž

TEX Gyre Chorus: RM ("regular math") encoding table

1 x01	44 x2C	80 x50	116 x74	152 x98	188 xBC	224 xE0
10 x0A	45 x2D	81 x51	117 x75	153 x99	189 xBD	225 xE1
11 x0B	46 x2E	82 x52	118 x76	154 x9A	190 xBE	226 xE2
12 x0C	47 x2F	83 x53	119 x77	155 x9B	191 xBF	227 xE3
13 x0D	48 x30	84 x54	120 x78	156 x9C	192 xC0	228 xE4
14 x0E	49 x31	85 x55	121 x79	157 x9D	193 xC1	229 xE5
15 x0F	50 x32	86 x56	122 x7A	158 x9E	194 xC2	230 xE6
16 x10	51 x33	87 x57	123 x7B	159 x9F	195 xC3	231 xE7
17 x11	52 x34	88 x58	124 x7C	160 xA0	196 xC4	232 xE8
18 x12	53 x35	89 x59	125 x7D	161 xA1	197 xC5	233 xE9
19 x13	54 x36	90 x5A	126 x7E	162 xA2	198 xC6	234 xEA
20 x14	55 x37	91 x5B	127 x7F	163 xA3	199 xC7	235 xEB
21 x15	56 x38	92 x5C	128 x80	164 xA4	200 xC8	236 xEC
22 x16	57 x39	93 x5D	129 x81	165 xA5	201 xC9	237 xED
23 x17	58 x3A	94 x5E	130 x82	166 xA6	202 xCA	238 xEE
24 x18	59 x3B	95 x5F	131 x83	167 xA7	203 xCB	239 xEF
25 x19	60 x3C	96 x60	132 x84	168 xA8	204 xCC	240 xF0
26 x1A	61 x3D	97 x61	133 x85	169 xA9	205 xCD	241 xF1
27 x1B	62 x3E	98 x62	134 x86	170 xAA	206 xCE	242 xF2
28 x1C	63 x3F	99 x63	135 x87	171 xAB	207 xCF	243 xF3
29 x1D	64 x40	100 x64	136 x88	172 xAC	208 xD0	244 xF4
30 x1E	65 x41	101 x65	137 x89	173 xAD	209 xD1	245 xF5
31 x1F	66 x42	102 x66	138 x8A	174 xAE	210 xD2	246 xF6
32 x20	67 x43	103 x67	139 x8B	175 xAF	211 xD3	247 xF7
33 x21	68 x44	104 x68	140 x8C	176 xB0	212 xD4	248 xF8
34 x22	69 x45	105 x69	141 x8D	177 xB1	213 xD5	249 xF9
35 x23	70 x46	106 x6A	142 x8E	178 xB2	214 xD6	250 xFA
36 x24	71 x47	107 x6B	143 x8F	179 xB3	215 xD7	251 xFB
37 x25	72 x48	108 x6C	144 x90	180 xB4	216 xD8	252 xFC
38 x26	73 x49	109 x6D	145 x91	181 xB5	217 xD9	253 xFD
39 x27	74 x4A	110 x6E	146 x92	182 xB6	218 xDA	254 xFE
40 x28	75 x4B	111 x6F	147 x93	183 xB7	219 xDB	255 xFF
41 x29	76 x4C	112 x70	148 x94	184 xB8	220 xDC	
42 x2A	77 x4D	113 x71	149 x95	185 xB9	221 xDD	
43 x2B	78 x4E	114 x72	150 x96	186 xBA	222 xDE	
	79 x4F	115 x73	151 x97	187 xBB	223 xDF	

TEX Gyre Chorus: QX (GUST) encoding table

1 x01	41 x29	77 x4D	113 x71	149 x95	185 xB9	221 xDD
7 x07	42 x2A	78 x4E	114 x72	150 x96	186 xBA	222 xDE
8 x08	43 x2B	79 x4F	115 x73	151 x97	187 xBB	223 xDF
9 x09	44 x2C	80 x50	116 x74	152 x98	188 xBC	224 xE0
10 x0A	45 x2D	81 x51	117 x75	153 x99	189 xBD	225 xE1
11 x0B	46 x2E	82 x52	118 x76	154 x9A	190 xBE	226 xE2
12 x0C	47 x2F	83 x53	119 x77	155 x9B	191 xBF	227 xE3
13 x0D	48 x30	84 x54	120 x78	156 x9C	192 xC0	228 xE4
14 x0E	49 x31	85 x55	121 x79	157 x9D	193 xC1	229 xE5
15 x0F	50 x32	86 x56	122 x7A	158 x9E	194 xC2	230 xE6
16 x10	51 x33	87 x57	123 x7B	159 x9F	195 xC3	231 xE7
17 x11	52 x34	88 x58	124 x7C		196 xC4	232 xE8
18 x12	53 x35	89 x59	125 x7D	161 xA1	197 xC5	233 xE9
19 x13	54 x36	90 x5A	126 x7E	162 xA2	198 xC6	234 xEA
20 x14	55 x37	91 x5B	127 x7F	163 xA3	199 xC7	235 xEB
21 x15	56 x38	92 x5C	128 x80	164 xA4	200 xC8	236 xEC
22 x16	57 x39	93 x5D	129 x81	165 xA5	201 xC9	237 xED
23 x17	58 x3A	94 x5E	130 x82	166 xA6	202 xCA	238 xEE
24 x18	59 x3B	95 x5F	131 x83	167 xA7	203 xCB	239 xEF
25 x19	60 x3C	96 x60	132 x84	168 xA8	204 xCC	240 xF0
26 x1A	61 x3D	97 x61	133 x85	169 xA9	205 xCD	241 xF1
27 x1B	62 x3E	98 x62	134 x86	170 xAA	206 xCE	242 xF2
28 x1C	63 x3F	99 x63	135 x87	171 xAB	207 xCF	243 xF3
29 x1D	64 x40	100 x64	136 x88	172 xAC	208 xD0	244 xF4
30 x1E	65 x41	101 x65	137 x89	173 xAD	209 xD1	245 xF5
31 x1F	66 x42	102 x66	138 x8A	174 xAE	210 xD2	246 xF6
32 x20	67 x43	103 x67	139 x8B	175 xAF	211 xD3	247 xF7
33 x21	68 x44	104 x68	140 x8C	176 xB0	212 xD4	248 xF8
34 x22	69 x45	105 x69	141 x8D	177 xB1	213 xD5	249 xF9
35 x23	70 x46	106 x6A	142 x8E	178 xB2	214 xD6	250 xFA
36 x24	71 x47	107 x6B	143 x8F	179 xB3	215 xD7	251 xFB
37 x25	72 x48	108 x6C	144 x90	180 xB4	216 xD8	252 xFC
38 x26	73 x49	109 x6D	145 x91	181 xB5	217 xD9	253 xFD
39 x27	74 x4A	110 x6E	146 x92	182 xB6	218 xDA	254 xFE
40 x28	75 x4B	111 x6F	147 x93	183 xB7	219 xDB	255 xFF
	76 x4C	112 x70	148 x94	184 xB8	220 xDC	

TEX Gyre Chorus: T5 (Vietnamese) encoding table

0 x00	37 x25	74 x4A	111 x6F	148 x94	185 xB9	222 xDE
1 x01	38 x26	75 x4B	112 x70	149 x95	186 xBA	223 xDF
2 x02	39 x27	76 x4C	113 x71	150 x96	187 xBB	224 xE0
3 x03	40 x28	77 x4D	114 x72	151 x97	188 xBC	225 xE1
4 x04	41 x29	78 x4E	115 x73	152 x98	189 xBD	226 xE2
5 x05	42 x2A	79 x4F	116 x74	153 x99	190 xBE	227 xE3
6 x06	43 x2B	80 x50	117 x75	154 x9A	191 xBF	228 xE4
7 x07	44 x2C	81 x51	118 x76	155 x9B	192 xC0	229 xE5
8 x08	45 x2D	82 x52	119 x77	156 x9C	193 xC1	230 xE6
9 x09	46 x2E	83 x53	120 x78	157 x9D	194 xC2	231 xE7
10 x0A	47 x2F	84 x54	121 x79	158 x9E	195 xC3	232 xE8
11 x0B	48 x30	85 x55	122 x7A	159 x9F	196 xC4	233 xE9
12 x0C	49 x31	86 x56	123 x7B	160 xA0	197 xC5	234 xEA
13 x0D	50 x32	87 x57	124 x7C	161 xA1	198 xC6	235 xEB
14 x0E	51 x33	88 x58	125 x7D	162 xA2	199 xC7	236 xEC
15 x0F	52 x34	89 x59	126 x7E	163 xA3	200 xC8	237 xED
16 x10	53 x35	90 x5A	127 x7F	164 xA4	201 xC9	238 xEE
17 x11	54 x36	91 x5B	128 x80	165 xA5	202 xCA	239 xEF
18 x12	55 x37	92 x5C	129 x81	166 xA6	203 xCB	240 xF0
19 x13	56 x38	93 x5D	130 x82	167 xA7	204 xCC	241 xF1
20 x14	57 x39	94 x5E	131 x83	168 xA8	205 xCD	242 xF2
21 x15	58 x3A	95 x5F	132 x84	169 xA9	206 xCE	243 xF3
22 x16	59 x3B	96 x60	133 x85	170 xAA	207 xCF	244 xF4
23 x17	60 x3C	97 x61	134 x86	171 xAB	208 xD0	245 xF5
24 x18	61 x3D	98 x62	135 x87	172 xAC	209 xD1	246 xF6
25 x19	62 x3E	99 x63	136 x88	173 xAD	210 xD2	247 xF7
26 x1A	63 x3F	100 x64	137 x89	174 xAE	211 xD3	248 xF8
27 x1B	64 x40	101 x65	138 x8A	175 xAF	212 xD4	249 xF9
28 x1C	65 x41	102 x66	139 x8B	176 xB0	213 xD5	250 xFA
29 x1D	66 x42	103 x67	140 x8C	177 xB1	214 xD6	251 xFB
30 x1E	67 x43	104 x68	141 x8D	178 xB2	215 xD7	252 xFC
31 x1F	68 x44	105 x69	142 x8E	179 xB3	216 xD8	253 xFD
32 x20	69 x45	106 x6A	143 x8F	180 xB4	217 xD9	254 xFE
33 x21	70 x46	107 x6B	144 x90	181 xB5	218 xDA	255 xFF
34 x22	71 x47	108 x6C	145 x91	182 xB6	219 xDB	
35 x23	72 x48	109 x6D	146 x92	183 xB7	220 xDC	
36 x24	73 x49	110 x6E	147 x93	184 xB8	221 xDD	

TEX Gyre Chorus: TEX'n'ANSI (aka LY1 aka Y&Y) encoding table

1 x01		39 x27	'	76 x4C	L	113 x71	q	150 x96	–	187 xBB	»	224 xE0	à
4 x04		40 x28	(	77 x4D	M	114 x72	r	151 x97	—	188 xBC	¼	225 xE1	á
5 x05		41 x29	)	78 x4E	N	115 x73	s	152 x98	˜	189 xBD	½	226 xE2	â
6 x06		42 x2A	*	79 x4F	O	116 x74	t	153 x99	™	190 xBE	¾	227 xE3	ã
7 x07		43 x2B	+	80 x50	P	117 x75	u	154 x9A	š	191 xBF	¿	228 xE4	ä
8 x08		44 x2C	,	81 x51	Q	118 x76	v	155 x9B	›	192 xC0	À	229 xE5	å
10 x0A		45 x2D	-	82 x52	R	119 x77	w	156 x9C	œ	193 xC1	Á	230 xE6	æ
11 x0B		46 x2E	.	83 x53	S	120 x78	x	157 x9D	ž	194 xC2	Â	231 xE7	ç
12 x0C		47 x2F	/	84 x54	T	121 x79	y	158 x9E	~	195 xC3	Ã	232 xE8	è
14 x0E		48 x30	0	85 x55	U	122 x7A	z	159 x9F	Ÿ	196 xC4	Ä	233 xE9	é
15 x0F		49 x31	1	86 x56	V	123 x7B	{	160 xA0		197 xC5	Å	234 xEA	ê
16 x10	ı	50 x32	2	87 x57	W	124 x7C	|	161 xA1	¡	198 xC6	Æ	235 xEB	ë
17 x11	j	51 x33	3	88 x58	X	125 x7D	}	162 xA2	¢	199 xC7	Ç	236 xEC	ì
18 x12	`	52 x34	4	89 x59	Y	126 x7E	~	163 xA3	£	200 xC8	È	237 xED	í
19 x13	´	53 x35	5	90 x5A	Z	127 x7F	¨	164 xA4	¤	201 xC9	É	238 xEE	î
20 x14	ˆ	54 x36	6	91 x5B	[	128 x80	€	165 xA5	¥	202 xCA	Ê	239 xEF	ï
21 x15	˜	55 x37	7	92 x5C	\	129 x81		166 xA6	¦	203 xCB	Ë	240 xF0	ð
22 x16	¯	56 x38	8	93 x5D	]	130 x82	‚	167 xA7	§	204 xCC	Ì	241 xF1	ñ
23 x17	˘	57 x39	9	94 x5E	^	131 x83	ƒ	168 xA8	¨	205 xCD	Í	242 xF2	ò
24 x18	¸	58 x3A	:	95 x5F	_	132 x84	„	169 xA9	©	206 xCE	Î	243 xF3	ó
25 x19	ß	59 x3B	;	96 x60	`	133 x85	…	170 xAA	ª	207 xCF	Ï	244 xF4	ô
26 x1A	æ	60 x3C	<	97 x61	a	134 x86	†	171 xAB	«	208 xD0	Đ	245 xF5	õ
27 x1B	œ	61 x3D	=	98 x62	b	135 x87	‡	172 xAC	¬	209 xD1	Ñ	246 xF6	ö
28 x1C	ø	62 x3E	>	99 x63	c	136 x88	ˆ	173 xAD	-	210 xD2	Ò	247 xF7	÷
29 x1D	Æ	63 x3F	?	100 x64	d	137 x89	‰	174 xAE	®	211 xD3	Ó	248 xF8	ø
30 x1E	Œ	64 x40	@	101 x65	e	138 x8A	Š	175 xAF	¯	212 xD4	Ô	249 xF9	ù
31 x1F	Ø	65 x41	A	102 x66	f	139 x8B	‹	176 xB0	°	213 xD5	Õ	250 xFA	ú
32 x20		66 x42	B	103 x67	g	140 x8C	Œ	177 xB1	±	214 xD6	Ö	251 xFB	û
33 x21	!	67 x43	C	104 x68	h	141 x8D	Ž	178 xB2	²	215 xD7	×	252 xFC	ü
34 x22	"	68 x44	D	105 x69	i	142 x8E	^	179 xB3	³	216 xD8	Ø	253 xFD	ý
35 x23	#	69 x45	E	106 x6A	j	143 x8F	–	180 xB4	´	217 xD9	Ù	254 xFE	þ
36 x24	$	70 x46	F	107 x6B	k	144 x90	'	181 xB5	µ	218 xDA	Ú	255 xFF	ÿ
37 x25	%	71 x47	G	108 x6C	l	145 x91	'	182 xB6	¶	219 xDB	Û		
38 x26	&	72 x48	H	109 x6D	m	146 x92	"	183 xB7	·	220 xDC	Ü		
		73 x49	I	110 x6E	n	147 x93	"	184 xB8	¸	221 xDD	Ý		
		74 x4A	J	111 x6F	o	148 x94	"	185 xB9	¹	222 xDE	Þ		
		75 x4B	K	112 x70	p	149 x95	•	186 xBA	º	223 xDF	ß		

TEX Gyre Chorus: TS1 (text companion) encoding table

0 x00
1 x01
2 x02
3 x03
4 x04
5 x05
6 x06
7 x07
8 x08
9 x09
10 x0A
11 x0B
12 x0C
13 x0D

18 x12

21 x15
22 x16
23 x17
24 x18
25 x19

26 x1A
27 x1B
28 x1C
29 x1D

31 x1F

32 x20

36 x24

39 x27

42 x2A

44 x2C
45 x2D
46 x2E
47 x2F
48 x30
49 x31
50 x32
51 x33
52 x34

53 x35
54 x36
55 x37
56 x38
57 x39

60 x3C
61 x3D
62 x3E

77 x4D

79 x4F

81 x51

87 x57

91 x5B

93 x5D
94 x5E
95 x5F
96 x60

98 x62
99 x63
100 x64

108 x6C
109 x6D
110 x6E

113 x71

115 x73

126 x7E
127 x7F
128 x80
129 x81
130 x82
131 x83
132 x84
133 x85
134 x86
135 x87
136 x88

137 x89
138 x8A
139 x8B
140 x8C
141 x8D
142 x8E
143 x8F
144 x90
145 x91
146 x92
147 x93
148 x94
149 x95
150 x96
151 x97
152 x98
153 x99
154 x9A
155 x9B
156 x9C

157 x9D
158 x9E
159 x9F
160 xA0
161 xA1
162 xA2
163 xA3
164 xA4
165 xA5
166 xA6
167 xA7
168 xA8
169 xA9
170 xAA
171 xAB
172 xAC
173 xAD
174 xAE
175 xAF
176 xB0

177 xB1
178 xB2
179 xB3
180 xB4
181 xB5
182 xB6
183 xB7
184 xB8
185 xB9
186 xBA
187 xBB
188 xBC
189 xBD
190 xBE
191 xBF

214 xD6

246 xF6