

DIGIT ZERO uni0030	0	O	0
DIGIT ONE uni0031	1	1	1
DIGIT TWO uni0032	2	2	2
DIGIT THREE uni0033	3	3	3
DIGIT FOUR uni0034	4	4	4
DIGIT FIVE uni0035	5	5	5
DIGIT SIX uni0036	6	6	6
DIGIT SEVEN uni0037	7	7	7
DIGIT EIGHT uni0038	8	8	8
DIGIT NINE uni0039	9	9	9
COLON uni003A	:	:	:
SEMICOLON uni003B	,	;	;
LESS-THAN SIGN uni003C	<	<	<
EQUALS SIGN uni003D	=	=	=
GREATER-THAN SIGN uni003E	>	>	>
QUESTION MARK uni003F	?	?	?
COMMERCIAL AT uni0040	(a)	@	@
LATIN CAPITAL LETTER A uni0041	Α	A	A
LATIN CAPITAL LETTER B uni0042	В	В	В
LATIN CAPITAL LETTER C uni0043	С	С	C
LATIN CAPITAL LETTER D uni0044	D	D	D
LATIN CAPITAL LETTER E uni0045	Е	Е	E
LATIN CAPITAL LETTER F uni0046	F	F	F
LATIN CAPITAL LETTER G uni0047	G	G	G
LATIN CAPITAL LETTER H uni0048	Н	Н	Н
LATIN CAPITAL LETTER I uni0049		I	I
LATIN CAPITAL LETTER J uni004A	J	J	J
LATIN CAPITAL LETTER K uni004B	K	K	K

LATIN CAPITAL LETTER L uni004C	L	L	L
LATIN CAPITAL LETTER M uni004D	M	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N	N
LATIN CAPITAL LETTER O uni004F	0	О	0
LATIN CAPITAL LETTER P uni0050	P	P	P
LATIN CAPITAL LETTER Q uni0051	Q	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R	R
LATIN CAPITAL LETTER S uni0053	S	S	S
LATIN CAPITAL LETTER T uni0054	Т	Т	T
LATIN CAPITAL LETTER U uni0055	U	U	U
LATIN CAPITAL LETTER V uni0056	V	V	V
LATIN CAPITAL LETTER W uni0057	W	W	W
LATIN CAPITAL LETTER X uni0058	X	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Y	Y
LATIN CAPITAL LETTER Z uni005A	Z	Z	Z
LEFT SQUARE BRACKET uni005B	[[[
REVERSE SOLIDUS uni005C	\	\	\
RIGHT SQUARE BRACKET uni005D]]]
CIRCUMFLEX ACCENT uni005E	^	٨	٨
LOW LINE uni005F	_	_	_
GRAVE ACCENT uni0060	`	`	
LATIN SMALL LETTER A uni0061	а	A	A
LATIN SMALL LETTER B uni0062	b	В	В
LATIN SMALL LETTER C uni0063	С	С	C
LATIN SMALL LETTER D uni0064	d	D	D
LATIN SMALL LETTER E uni0065	е	Е	E
LATIN SMALL LETTER F uni0066	f	F	F
LATIN SMALL LETTER G uni0067	g	G	G

	L	тт	* *
LATIN SMALL LETTER H uni0068	n	Н	Н
LATIN SMALL LETTER I uni0069	i	I	I
LATIN SMALL LETTER J uni006A	j	J	J
LATIN SMALL LETTER K uni006B	k	K	K
LATIN SMALL LETTER L uni006C		L	L
LATIN SMALL LETTER M uni006D	m	M	M
LATIN SMALL LETTER N uni006E	n	N	N
LATIN SMALL LETTER O uni006F	0	О	O
LATIN SMALL LETTER P uni0070	р	P	P
LATIN SMALL LETTER Q uni0071	q	Q	Q
LATIN SMALL LETTER R uni0072	r	R	R
LATIN SMALL LETTER S uni0073	S	S	S
LATIN SMALL LETTER T uni0074	t	Т	T
LATIN SMALL LETTER U uni0075	U	U	U
LATIN SMALL LETTER V uni0076	V	V	V
LATIN SMALL LETTER W uni0077	W	W	W
LATIN SMALL LETTER X uni0078	X	X	X
LATIN SMALL LETTER Y uni0079	У	Y	Y
LATIN SMALL LETTER Z uni007A	Z	Z	Z
LEFT CURLY BRACKET uni007B	{	{	{
VERTICAL LINE uni007C			
RIGHT CURLY BRACKET uni007D	}	}	}
TILDE uni007E	~	~	~
NO-BREAK SPACE uni00A0			
INVERTED EXCLAMATION MARK uni00A1	i	i	i
CENT SIGN uni00A2	¢	¢	¢
POUND SIGN uni00A3	£	£	£
CURRENCY SIGN uni00A4	¤	¤	¤

YEN SIGN uni00A5	¥	¥	¥
BROKEN BAR uni00A6	I	I I	I I
SECTION SIGN uni00A7	§	§	§
DIAERESIS uni00A8		••	••
COPYRIGHT SIGN uni00A9	©	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	<<	«	«
NOT SIGN uni00AC	\neg	\neg	\neg
SOFT HYPHEN uni00AD			
REGISTERED SIGN uni00AE	R	R	R
MACRON uni00AF	-	_	_
DEGREE SIGN uni00B0	0	0	0
PLUS-MINUS SIGN uni00B1	<u>+</u>	<u>±</u>	<u>±</u>
SUPERSCRIPT TWO uni00B2	2	2	2
SUPERSCRIPT THREE uni00B3	3	3	3
ACUTE ACCENT uni00B4	/	/	•
MICRO SIGN uni00B5	μ	μ	μ
PILCROW SIGN uni00B6	1	¶	¶
MIDDLE DOT uni00B7			
CEDILLA uni00B8	٦		9
SUPERSCRIPT ONE uni00B9	1	1	1
MASCULINE ORDINAL INDICATOR uni00BA	Ō	О	O
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	>>	>>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4	3/4
INVERTED QUESTION MARK uni00BF	خ	į	i
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À	À

	Á	Á	Á
LATIN CAPITAL LETTER A WITH ACUTE uni00C1			
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç	Ç
	`	\	
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Í	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Ð	Ð	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ	Ñ
	_	7	•
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	0	O	0
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö	Ö
MULTIPLICATION SIGN uni00D7	×	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù	ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú	Ú

LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û	û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	Þ	þ
LATIN SMALL LETTER SHARP S uni00DF	ß	SS	SS
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	À	À
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	Á	Á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	Â	Â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	Ã	Ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	Ä	Ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	Å	Å
LATIN SMALL LETTER AE uni00E6	æ	Æ	Æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	Ç	Ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	È	È
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	É	É
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	Ê	Ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	Ë	Ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	Ì	Ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	Í	Í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	Î	Î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	Ϊ	Ϊ
LATIN CMALL LETTER ETH	×	D	D
LATIN SMALL LETTER ETH uni00F0	ð	Ð	Ð
LATIN SMALL LETTER N WITH TILDE uni00F1	n	Ň	Ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	Ò	Ó	Ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	O	Ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	O	O

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	Õ	Õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	Ö	Ö	Ö
DIVISION SIGN uni00F7	÷	÷	•
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	Ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	Ú	Ú	Ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	Û	Û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	Ü	Ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	Ý	Ý
LATIN SMALL LETTER THORN uni00FE	þ	þ	Þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	Ÿ	Ÿ
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	Ć	Ć	Ć
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	Č	č	Č
LATIN SMALL LETTER D WITH STROKE uni0111	đ	đ	Ð
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	ğ	Ğ
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	I	I	Ι
LATIN CAPITAL LETTER L WITH STROKE uni0141	上	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł	Ł
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	Œ	Œ
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ş	Ş	Ş
LATIN SMALL LETTER S WITH CEDILLA uni015F	Ş	Ş	Ş
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161			

	š	Š	Š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ	Ÿ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž	Ž
LATIN SMALL LETTER F WITH HOOK uni0192	f	f	f
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	^	^
CARON uni02C7	~	~	~
MODIFIER LETTER MACRON uni02C9	_	_	_
BREVE uni02D8	V	J)
DOT ABOVE uni02D9	•	•	•
RING ABOVE uni02DA	0	0	0
OGONEK uni02DB	د	ι	c
SMALL TILDE uni02DC	~	~	~
DOUBLE ACUTE ACCENT uni02DD	//	"	
GREEK SMALL LETTER PI uni03C0	π	π	π
EN DASH uni2013	_	_	_
EM DASH uni2014	_		
LEFT SINGLE QUOTATION MARK uni2018		•	6
RIGHT SINGLE QUOTATION MARK uni2019	,	,	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	"	66
RIGHT DOUBLE QUOTATION MARK uni201D	"	"	"
DOUBLE LOW-9 QUOTATION MARK uni201E	"	"	,,
DAGGER uni2020	†	†	†
DOUBLE DAGGER uni2021	‡	‡	‡
BULLET uni2022	•	•	•
HORIZONTAL ELLIPSIS uni2026		• • •	•••
PER MILLE SIGN uni2030	%0	‰	%

SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	<	(
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	>	>	
FRENCH FRANC SIGN uni20A3	F	F	F	
EURO SIGN uni20AC	€	€	€	
TRADE MARK SIGN uni2122	TM	TM	TM	
OHM SIGN uni2126	Ω	Ω	Ω	
PARTIAL DIFFERENTIAL uni2202	9	9	9	
INCREMENT uni2206	Δ	Δ	Δ	
N-ARY PRODUCT uni220F	П	П	Π	
N-ARY SUMMATION uni2211	Σ	Σ	Σ	
MINUS SIGN uni2212	_	-	_	
DIVISION SLASH uni2215	/	/	/	
BULLET OPERATOR uni2219	•	•	•	
SQUARE ROOT uni221A		1	1	
INFINITY uni221E	∞	∞	∞	
INTEGRAL uni222B	ſ	J	ſ	
ALMOST EQUAL TO uni2248	\approx	≈	≈	
NOT EQUAL TO uni2260	≠	≠	≠	
LESS-THAN OR EQUAL TO uni2264	\leq	<u>≤</u>	\leq	
GREATER-THAN OR EQUAL TO uni2265	2	>	>	
LOZENGE uni25CA	\Diamond	\Diamond	\Diamond	
uniF000	HI	HI	É	
uniF001	HI		FI	
uniF002	HI		FL	
uniF003	HI	HI	4	

































