

Every symbol (most symbols) defined by unicode-math

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This document uses the file `unicode-math-table.tex` to print every symbol defined by the `unicode-math` package. Use this document to find the command name or the Unicode glyph slot for a symbol that you wish to use. Eight fonts are shown: (with approximate symbol counts)

M **Latin Modern Math** (1357)

X **XITS Math** (2437)

C **Cambria Math** (1598)

L **Lucida Math** (1953)

D **Lucida Math Demibold** (1365)

A **Asana Math** (2256)

P **TeX Gyre Pagella Math** (1612)

E **Neo Euler** (411)

Symbols defined in Plain \TeX are indicated with ^(p) after their macro name. Symbols defined in `amssymb` are indicated with ^(a).

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1 Opening symbols, \mathopen

USV	M	X	C	L	D	A	P	E	Macro	Description
00028	((((((((\lparen	left parenthesis
0005B	[	[	[	[	[	[	[	[	\lbrack	left square bracket
0007B	{	{	{	{	{	{	{	{	\lbrace ^(p)	left curly bracket
0221A	✓	✓	✓	✓	✓	✓	✓	✓	\sqrt ^(p)	radical
0221B		√	√	√	√	√	√		\cuberoot	cube root
0221C		√	√	√	√	√	√		\fourthroot	fourth root
02308	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\lceil ^(p)	left ceiling
0230A	⌋	⌋	⌋	⌋	⌋	⌋	⌋	⌋	\lfloor ^(p)	left floor
0231C	⌑	⌑				⌑	⌑		\ulcorner	upper left corner
0231E	⌐	⌐				⌐	⌐		\llcorner	lower left corner
023B0		⌋	⌋						\lmoustache ^(p)	upper left or lower right curly bracket section
02772		⌋							\lbrbrak	light left tortoise shell bracket ornament
027C5		⌋				⌋			\lbag	left s-shaped bag delimiter
027CC		⌋							\longdivision	long division
027E6	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\lBrack	mathematical left white square bracket
027E8	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\langle ^(p)	mathematical left angle bracket
027EA	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\lAngle	mathematical left double angle bracket
027EC		⌈				⌈			\Lbrbrak	mathematical left white tortoise shell bracket
027EE	(	(				(	(	(	\lgroup^(p)	mathematical left flattened parenthesis
02983		⌈				⌈			\lBrace	left white curly bracket
02985		(				(			\lParen	left white parenthesis
02987		(				(			\llparenthesis	z notation left image bracket
02989		⌈				⌈			\llangle	z notation left binding bracket
0298B		⌈				⌈			\lbrackubar	left square bracket with underbar
0298D		⌈				⌈			\lbrackultick	left square bracket with tick in top corner
0298F		⌈				⌈			\lbracklltick	left square bracket with tick in bottom corner
02991		⌈				⌈			\langedot	left angle bracket with dot
02993		⌈				⌈			\lparenless	left arc less-than bracket
02995		⌈				⌈			\Lparengtr	double left arc greater-than bracket
02997		⌈				⌈			\lblkbrbrak	left black tortoise shell bracket
029D8		⌈				⌈			\lvzigzag	left wiggly fence
029DA		⌈				⌈			\Lvzigzag	left double wiggly fence
029FC		⌈				⌈			\lcurvyangle	left pointing curved angle bracket
03014		⌈				⌈			\lbrbrak	left broken bracket
03018		⌈				⌈			\Lbrbrak	left white tortoise shell bracket

2 Closing symbols, \mathclose

USV	M	X	C	L	D	A	P	E	Macro	Description
00029	)	)	)	)	)	)	)	)	\rparen	right parenthesis
0005D	]	]	]	]	]	]	]	]	\rbrack	right square bracket
0007D	}	}	}	}	}	}	}	}	\rbrace ^(p)	right curly bracket
02309	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\rceil ^(p)	right ceiling
0230B	⌋	⌋	⌋	⌋	⌋	⌋	⌋	⌋	\rfloor ^(p)	right floor
0231D	⌞	⌞				⌞	⌞		\urcorner	upper right corner
0231F	⏟	⏟				⏟	⏟		\lrcorner	lower right corner
023B1		)	⌋						\rmoustache^(p)	upper right or lower left curly bracket section
02773		⌋							\rbrbrak	light right tortoise shell bracket ornament
027C6		⌋				⌋			\rbag	right s-shaped bag delimiter
027E7	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	\RBrack	mathematical right white square bracket
027E9	⌋	⌋	⌋	⌋	⌋	⌋	⌋	⌋	\rangle ^(p)	mathematical right angle bracket
027EB	⌋	⌋	⌋	⌋	⌋	⌋	⌋	⌋	\rAngle	mathematical right double angle bracket
027ED		⌋				⌋			\Rbrbrak	mathematical right white tortoise shell bracket
027EF	)	)				)	)		\rgroup^(p)	mathematical right flattened parenthesis
02984		⌋				⌋			\RBrace	right white curly bracket
02986		)				)			\rParen	right white parenthesis
02988		⌋				⌋			\rrparenthesis	z notation right image bracket
0298A		⌋				⌋			\rrangle	z notation right binding bracket
0298C		⌋				⌋			\rbrackubar	right square bracket with underbar
0298E		⌋				⌋			\rbracklrtick	right square bracket with tick in bottom corner
02990		⌋				⌋			\rbrackurtick	right square bracket with tick in top corner
02992		⌋				⌋			\rangledot	right angle bracket with dot
02994		⌋				⌋			\rpargtr	right arc greater-than bracket
02996		⌋				⌋			\Rparenless	double right arc less-than bracket
02998		⌋				⌋			\rblbrbrak	right black tortoise shell bracket
029D9		⌋				⌋			\rvzigzag	right wiggly fence
029DB		⌋				⌋			\Rvzigzag	right double wiggly fence
029FD		⌋	⌋			⌋			\rcurvyangle	right pointing curved angle bracket
03015			⌋			⌋			\rbrbrak	right broken bracket
03019						⌋			\Rbrbrak	right white tortoise shell bracket

3 Fence symbols, `\mathfence`

USV	M	X	C	L	D	A	P	E	Macro	Description
0007C	|	|	|	|	|	|	|	|	<code>\vert^(p)</code>	vertical bar
02016	||	||	||	||	||	||	||		<code>\Vert^(p)</code>	double vertical bar
02980		|||		|||		|||			<code>\Vvert</code>	triple vertical bar delimiter

4 Punctuation symbols, `\mathpunct`

USV	M	X	C	L	D	A	P	E	Macro	Description
00021	!	!	!	!	!	!	!	!	<code>\exclam</code>	exclamation mark
0002C	,	,	,	,	,	,	,	,	<code>\comma</code>	comma
0003A	:	:	:	:	:	:	:	□	<code>\mathcolon</code>	colon
0003B	;	;	;	;	;	;	;	;	<code>\semicolon</code>	semicolon p:

5 ‘Over’ symbols, `\mathover`

USV	M	X	C	L	D	A	P	E	Macro	Description
023B4	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$			$\overline{x+y}$	$\overline{x+y}$		<code>\overbracket</code>	top square bracket
023DC	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$		$\overparen{x+y}$	$\overparen{x+y}$		<code>\overparen</code>	top parenthesis (mathematical use)
023DE	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$		$\overbrace{x+y}$	$\overbrace{x+y}$		<code>\overbrace^(p)</code>	top curly bracket (mathematical use)

6 ‘Under’ symbols, `\mathunder`

USV	M	X	C	L	D	A	P	E	Macro	Description
023B5	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$			$\underline{x+y}$	$\underline{x+y}$		<code>\underbracket</code>	bottom square bracket
023DD	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$		$\underparen{x+y}$	$\underparen{x+y}$		<code>\underparen</code>	bottom parenthesis (mathematical use)
023DF	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$		$\underbrace{x+y}$	$\underbrace{x+y}$		<code>\underbrace^(p)</code>	bottom curly bracket (mathematical use)

7 Accents, \mathaccent

Note that accents will only be properly placed if used with an OpenType font with the necessary information.

USV	M	X	C	L	D	A	P	E	Macro	Description
00300	◌̐	◌̑	◌̒	◌̓	◌̔	◌̕	◌̖		\grave ^(p)	grave accent
00301	◌̑	◌̒	◌̓	◌̔	◌̕	◌̖	◌̗		\acute ^(p)	acute accent
00302	◌̒	◌̓	◌̔	◌̕	◌̖	◌̗	◌̘	◌̙	\hat ^(p)	circumflex accent
00303	◌̓	◌̔	◌̕	◌̖	◌̗	◌̘	◌̙		\tilde ^(p)	tilde
00304	◌̔	◌̕	◌̖	◌̗	◌̘	◌̙	◌̚		\bar ^(p)	macron
00305	◌̕	◌̖	◌̗			◌̘	◌̙		\overbar	overbar embellishment
00306	◌̖	◌̗	◌̘	◌̙	◌̚	◌̛	◌̜		\breve ^(p)	breve
00307	◌̗	◌̘	◌̙	◌̚	◌̛	◌̜	◌̝		\dot ^(p)	dot above
00308	◌̘	◌̙	◌̚	◌̛	◌̜	◌̝	◌̞		\ddot ^(p)	dieresis
00309	◌̙	◌̚	◌̛			◌̞	◌̟		\ovhook	combining hook above
0030A	◌̚	◌̛	◌̜	◌̝	◌̞	◌̟	◌̠		\ocirc	ring
0030C	◌̛	◌̜	◌̝	◌̞	◌̟	◌̠	◌̡		\check ^(p)	caron
00310		◌̜	◌̝						\candra	candrabindu (non-spacing)
00312		◌̝	◌̞						\oturnedcomma	combining turned comma above
00315		◌̞	◌̟						\ocommatopright	combining comma above right
0031A		◌̟	◌̠						\droang	left angle above (non-spacing)
00338	◌̡	◌̢	◌̣	◌̤		◌̥	◌̦		\not ^(p)	combining long solidus overlay
020D0	◌̢	◌̣	◌̤	◌̥		◌̦	◌̧		\leftharpoonaccent	combining left harpoon above
020D1	◌̣	◌̤	◌̥	◌̦		◌̧	◌̨		\rightharpoonaccent	combining right harpoon above
020D2		◌̥	◌̦			◌̧	◌̨		\vertoverlay	combining long vertical line overlay
020D6	◌̦	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬		\overleftarrow ^(p)	combining left arrow above
020D7	◌̧	◌̨	◌̩	◌̪	◌̫	◌̬	◌̭		\vec ^(p)	combining right arrow above
020DB	◌̨	◌̩	◌̪	◌̫		◌̬	◌̭		\dddots	combining three dots above
020DC	◌̩	◌̪	◌̫	◌̬		◌̭	◌̮		\ddddots	combining four dots above
020E1	◌̩	◌̪	◌̫	◌̬		◌̭	◌̮		\overleftrightharpoon	combining left right arrow above
020E7		◌̮				◌̯			\annuity	combining annuity symbol
020E9	◌̮	◌̯	◌̰			◌̱	◌̲		\widebridgeabove	combining wide bridge above
020F0		◌̯					◌̲		\asteraccent	combining asterisk above










































































8 Bottom accents, \mathbotaccent








































































USV	M	X	C	L	D	A	P	E	Macro	Description
00330	◌̰	◌̱	◌̲				◌̳		\wideutilde	under tilde accent (multiple characters and non-spacing)
00331	◌̱	◌̲	◌̳				◌̴		\underbar	combining macron below
020E8		◌̳	◌̴	◌̵		◌̶	◌̷		\threunderdot	combining triple underdot
020EC		◌̴		◌̵		◌̶	◌̷		\underrightharpoondown	combining rightwards harpoon with barb downwards
020ED		◌̵		◌̶		◌̷	◌̸		\underleftharpoondown	combining leftwards harpoon with barb downwards
020EE	◌̶	◌̷		◌̸		◌̹	◌̺		\underleftarrow	combining left arrow below
020EF	◌̷	◌̸		◌̹		◌̺	◌̻		\underrightarrow	combining right arrow below




9 Big operators, \mathop

Of the operators shown below, a subset need to be flagged by unicode-math for \nolimits adjustments. The limits behaviour as specified by unicode-math are shown with grey subscripts and superscripts.

























































































































































































































































































































usv	M	X	C	L	D	A	P	E	Macro	Description
02140	\sum_0^1	\sum_0^1	\sum_0^1			\sum_0^1	\sum_0^1		\Bbbsum	double-struck n-ary summation
0220F	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod ^(p)	product operator
02210	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\coprod ^(p)	coproduct operator
02211	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum ^(p)	summation operator
0222B	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int ^(p)	integral operator
0222C		\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint	double integral operator
0222D		\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint	triple integral operator
0222E	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint ^(p)	contour integral operator
0222F		\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint	double contour integral operator
02230		\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint	triple contour integral operator
02231		\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\intclockwise	clockwise integral
02232		\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\varointclockwise	contour integral, clockwise
02233		\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\ointctrackwise	contour integral, anticlockwise
022C0	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge ^(p)	logical or operator
022C1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee ^(p)	logical and operator
022C2	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap ^(p)	intersection operator
022C3	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup ^(p)	union operator
027D5		\leftthreetimes_0^1				\leftthreetimes_0^1			\leftouterjoin	left outer join

USV	M	X	C	L	D	A	P	E	Macro	Description
027D6									<code>\rightouterjoin</code>	right outer join
027D7									<code>\fullouterjoin</code>	full outer join
027D8									<code>\bigbot</code>	large up tack
027D9									<code>\bigtop</code>	large down tack
029F8									<code>\xsol</code>	big solidus
029F9									<code>\xbsol</code>	big reverse solidus
02A00									<code>\bigodot^(p)</code>	n-ary circled dot operator
02A01									<code>\bigoplus^(p)</code>	n-ary circled plus operator
02A02									<code>\bigotimes^(p)</code>	n-ary circled times operator
02A03									<code>\bigcupdot</code>	n-ary union operator with dot
02A04									<code>\biguplus^(p)</code>	n-ary union operator with plus
02A05									<code>\bigsqcap</code>	n-ary square intersection operator
02A06									<code>\bigsqcup^(p)</code>	n-ary square union operator
02A07									<code>\conjquant</code>	two logical and operator
02A08									<code>\disjquant</code>	two logical or operator
02A09									<code>\bigtimes</code>	n-ary times operator
02A0A									<code>\modtwosum</code>	modulo two sum
02A0B									<code>\sumint</code>	summation with integral

USV	M	X	C	L	D	A	P	E	Macro	Description
02A0C									<code>\iiint</code>	quadruple integral operator
02A0D									<code>\intbar</code>	finite part integral
02A0E									<code>\intBar</code>	integral with double stroke
02A0F									<code>\fint</code>	integral average with slash
02A10									<code>\cirfnint</code>	circulation function
02A11									<code>\awint</code>	anticlockwise integration
02A12									<code>\rppoint</code>	line integration with rectangular path around pole
02A13									<code>\scpoint</code>	line integration with semicircular path around pole
02A14									<code>\npoint</code>	line integration not including the pole
02A15									<code>\pointint</code>	integral around a point operator
02A16									<code>\sqint</code>	quaternion integral operator
02A17									<code>\intlarhk</code>	integral with leftwards arrow with hook
02A18									<code>\intx</code>	integral with times sign
02A19									<code>\intcap</code>	integral with intersection
02A1A									<code>\intcup</code>	integral with union
02A1B									<code>\upint</code>	integral with overbar
02A1C									<code>\lowint</code>	integral with underbar
02A1D									<code>\Join</code>	join
02A1E									<code>\bigtriangleleft</code>	large left triangle operator
02A1F									<code>\zcmp</code>	z notation schema composition
02A20									<code>\zpipe</code>	z notation schema piping
02A21									<code>\zproject</code>	z notation schema projection
02AFC									<code>\biginterleave</code>	large triple vertical bar operator

USV	M	X	C	L	D	A	P	E	Macro	Description
02AFF									<code>\bigtalloblong</code>	n-ary white vertical bar

10 Binary relations, `\mathbin`

USV	M	X	C	L	D	A	P	E	Macro	Description
0002B									<code>\plus</code>	plus sign b:
000B1									<code>\pm^(p)</code>	plus-or-minus sign
000B7									<code>\cdotp^(p)</code>	/centerdot b: middle dot
000D7									<code>\times^(p)</code>	multiply sign
000F7									<code>\div^(p)</code>	divide sign
02020									<code>\dagger^(p)</code>	dagger relation
02021									<code>\ddagger^(p)</code>	double dagger relation
02022									<code>\smblkcircle</code>	/bullet b: round bullet, filled
02040									<code>\tieconcat</code>	character tie, z notation sequence concatenation
02044									<code>\fracslash</code>	fraction slash
0214B									<code>\upand</code>	turned ampersand
02212									<code>\minus</code>	minus sign
02213									<code>\mp^(p)</code>	minus-or-plus sign
02214									<code>\dotplus^(a)</code>	plus sign, dot above
02215									<code>\divslash</code>	division slash
02216									<code>\smallsetminus^(a)</code>	small set minus (cf. reverse solidus)
02217									<code>\ast^(p)</code>	centered asterisk
02218									<code>\vysmwhtcircle</code>	composite function (small circle)
02219									<code>\vysmbkcircle</code>	bullet operator
02227									<code>\wedge^(p)</code>	/wedge /land b: logical and
02228									<code>\vee^(p)</code>	/vee /lor b: logical or
02229									<code>\cap^(p)</code>	intersection
0222A									<code>\cup^(p)</code>	union or logical sum
02238									<code>\dotminus</code>	minus sign, dot above
0223E									<code>\invlazys</code>	most positive [inverted lazy s]
02240									<code>\wr^(p)</code>	wreath product
0228C									<code>\cupleftarrow</code>	multiset
0228D									<code>\cupdot</code>	union, with dot
0228E									<code>\uplus^(p)</code>	plus sign in union
02293									<code>\sqcap^(p)</code>	square intersection
02294									<code>\sqcup^(p)</code>	square union
02295									<code>\oplus^(p)</code>	plus sign in circle
02296									<code>\ominus^(p)</code>	minus sign in circle
02297									<code>\otimes^(p)</code>	multiply sign in circle
02298									<code>\oslash^(p)</code>	solidus in circle
02299									<code>\odot^(p)</code>	middle dot in circle
0229A									<code>\circledcirc^(a)</code>	small circle in circle
0229B									<code>\circledast^(a)</code>	asterisk in circle
0229C									<code>\circledequal</code>	equal in circle

USV	M	X	C	L	D	A	P	E	Macro	Description
0229D		⊖	⊖	⊖	⊖	⊖	⊖		<code>\circleddash^(a)</code>	hyphen in circle
0229E	⊞	⊞	⊞	⊞	⊞	⊞	⊞		<code>\boxplus^(a)</code>	plus sign in box
0229F	⊟	⊟	⊟	⊟	⊟	⊟	⊟		<code>\boxminus^(a)</code>	minus sign in box
022A0	⊠	⊠	⊠	⊠	⊠	⊠	⊠		<code>\boxtimes^(a)</code>	multiply sign in box
022A1	⊡	⊡	⊡	⊡	⊡	⊡	⊡		<code>\boxdot^(a)</code>	/dotsquare /boxdot b: small dot in box
022BA	⌞	⌞	⌞	⌞	⌞	⌞	⌞		<code>\intercal^(a)</code>	intercal
022BB	⌵	⌵	⌵	⌵	⌵	⌵	⌵		<code>\veebar^(a)</code>	logical or, bar below (large vee); exclusive disjunction
022BC	⌶	⌶	⌶	⌶	⌶	⌶	⌶		<code>\barwedge^(a)</code>	bar, wedge (large wedge)
022BD		⌷	⌷	⌷	⌷	⌷	⌷		<code>\barvee</code>	bar, vee (large vee)
022C4	◇	◇	◇	◇	◇	◇	◇		<code>\smwhtdiamond</code>	white diamond
022C5	⋅	⋅	⋅	⋅	▪	⋅	⋅		<code>\cdot^(p)</code>	small middle dot
022C6	★	★	★	★	★	★	★		<code>\star^(p)</code>	small star, filled, low
022C7	⋈	⋈	⋈	⋈	⋈	⋈	⋈		<code>\divideontimes^(a)</code>	division on times
022C9	⋌	⋌	⋌	⋌	⋌	⋌			<code>\ltimes^(a)</code>	times sign, left closed
022CA	⋍	⋍	⋍	⋍	⋍	⋍			<code>\rtimes^(a)</code>	times sign, right closed
022CB	⋎	⋎	⋎	⋎	⋎	⋎			<code>\leftthreetimes^(a)</code>	left semidirect product
022CC	⋏	⋏	⋏	⋏	⋏	⋏			<code>\rightthreetimes^(a)</code>	right semidirect product
022CE	⋐	⋐	⋐	⋐	⋐	⋐	⋐		<code>\curlyvee^(a)</code>	curly logical or
022CF	⋑	⋑	⋑	⋑	⋑	⋑	⋑		<code>\curlywedge^(a)</code>	curly logical and
022D2	⋓	⋓	⋓	⋓	⋓	⋓	⋓		<code>\Cap^(a)</code>	/cap /doublecap b: double intersection
022D3	⋔	⋔	⋔	⋔	⋔	⋔	⋔		<code>\Cup^(a)</code>	/cup /doublecup b: double union
02305		⌶		⌶		⌶	⌶		<code>\varbarwedge</code>	/barwedge b: logical and, bar above [projective (bar over small wedge)]
02306	⌷	⌷		⌷	⌷	⌷	⌷		<code>\vardoublebarwedge</code>	/doublebarwedge b: logical and, double bar above [perspective (double bar over small wedge)]
0233D		⊖				⊖			<code>\obar</code>	circle with vertical bar
025B3	△	△	△	△	△	△	△		<code>\bigtriangleup^(p)</code>	big up triangle, open
025B7	▷	▷		▷		▷	▷		<code>\triangleright^(p)</code>	(large) right triangle, open; z notation range restriction
025C1	◁	◁		◁		◁	◁		<code>\triangleleft^(p)</code>	(large) left triangle, open; z notation domain restriction
025CB	◯	◯		◯	◯	◯	◯		<code>\mdlgwhtcircle</code>	medium large circle
025EB		⊞		⊞		⊞			<code>\boxbar</code>	vertical bar in box
027C7		⌵				⌵			<code>\veedot</code>	or with dot inside
027D1		⌶				⌶			<code>\wedgedot</code>	and with dot
027E0		◊				◊	◊		<code>\lozengeminus</code>	lozenge divided by horizontal rule
027E1		◊	◊			◊	◊		<code>\concavediamond</code>	white concave-sided diamond
027E2		◊				◊	◊		<code>\concavediamondtickleft</code>	white concave-sided diamond with leftwards tick
027E3		◊				◊	◊		<code>\concavediamondtickright</code>	white concave-sided diamond with rightwards tick
027E4		◻				◻			<code>\whitesquaretickleft</code>	white square with leftwards tick
027E5		◻				◻			<code>\whitesquaretickright</code>	white square with rightwards tick
02982		⋈				⋈			<code>\typecolon</code>	z notation type colon
029B5		⊖				⊖			<code>\circlehbar</code>	circle with horizontal bar
029B6		⊖				⊖			<code>\circledvert</code>	circled vertical bar
029B7		⊞				⊞			<code>\circledparallel</code>	circled parallel
029B8		⊗				⊗			<code>\obslash</code>	circled reverse solidus
029B9		⊥				⊥			<code>\operp</code>	circled perpendicular
029C0		⊗				⊗			<code>\olessthan</code>	circled less-than
029C1		⊗				⊗			<code>\ogreaterthan</code>	circled greater-than
029C4		⊞				⊞			<code>\boxdiag</code>	squared rising diagonal slash
029C5		⊟				⊟			<code>\boxbslash</code>	squared falling diagonal slash
029C6		⊠				⊠			<code>\boxast</code>	squared asterisk
029C7		⊡				⊡			<code>\boxcircle</code>	squared small circle

usv	M	X	C	L	D	A	P	E	Macro	Description
029c8									<code>\boxbox</code>	squared square
029CD									<code>\triangleaserifs</code>	triangle with serifs at bottom
029D6									<code>\hourglass</code>	white hourglass
029D7									<code>\blackhourglass</code>	black hourglass
029E2									<code>\shuffle</code>	shuffle product
029EB									<code>\mdlgblklozenge</code>	black lozenge
029F5									<code>\setminus^(p)</code>	reverse solidus operator
029F6									<code>\dsol</code>	solidus with overbar
029F7									<code>\rsolbar</code>	reverse solidus with horizontal stroke
029FA									<code>\doubleplus</code>	double plus
029FB									<code>\tripleplus</code>	triple plus
029FE									<code>\tplus</code>	tiny
029FF									<code>\tminus</code>	miny
02A22									<code>\ringplus</code>	plus sign with small circle above
02A23									<code>\plushat</code>	plus sign with circumflex accent above
02A24									<code>\simplus</code>	plus sign with tilde above
02A25									<code>\plusdot</code>	plus sign with dot below
02A26									<code>\plussim</code>	plus sign with tilde below
02A27									<code>\plussubtwo</code>	plus sign with subscript two
02A28									<code>\plustrif</code>	plus sign with black triangle
02A29									<code>\commaminus</code>	minus sign with comma above
02A2A									<code>\minusdot</code>	minus sign with dot below
02A2B									<code>\minusfdots</code>	minus sign with falling dots
02A2C									<code>\minusrdots</code>	minus sign with rising dots
02A2D									<code>\opluslhrim</code>	plus sign in left half circle
02A2E									<code>\oplusrhrim</code>	plus sign in right half circle
02A2F									<code>\vectimes</code>	vector or cross product
02A30									<code>\dottimes</code>	multiplication sign with dot above
02A31									<code>\timesbar</code>	multiplication sign with underbar
02A32									<code>\btimes</code>	semidirect product with bottom closed
02A33									<code>\smashtimes</code>	smash product
02A34									<code>\otimeslhrim</code>	multiplication sign in left half circle
02A35									<code>\otimesrhrim</code>	multiplication sign in right half circle
02A36									<code>\otimeseshat</code>	circled multiplication sign with circumflex accent
02A37									<code>\Otimes</code>	multiplication sign in double circle
02A38									<code>\odiv</code>	circled division sign
02A39									<code>\triangleplus</code>	plus sign in triangle
02A3A									<code>\triangleminus</code>	minus sign in triangle
02A3B									<code>\triangletimes</code>	multiplication sign in triangle
02A3C									<code>\intprod</code>	interior product
02A3D									<code>\intprodr</code>	righthand interior product
02A3E									<code>\fcmp</code>	z notation relational composition
02A3F									<code>\amalg^(p)</code>	amalgamation or coproduct
02A40									<code>\capdot</code>	intersection with dot
02A41									<code>\uminus</code>	union with minus sign
02A42									<code>\barcup</code>	union with overbar
02A43									<code>\barcap</code>	intersection with overbar
02A44									<code>\capwedge</code>	intersection with logical and
02A45									<code>\cupvee</code>	union with logical or
02A46									<code>\cupovercap</code>	union above intersection













































































































USV	M	X	C	L	D	A	P	E	Macro	Description
02A47									<code>\capovercup</code>	intersection above union
02A48									<code>\cupbarcap</code>	union above bar above intersection
02A49									<code>\capbarcup</code>	intersection above bar above union
02A4A									<code>\twocups</code>	union beside and joined with union
02A4B									<code>\twocaps</code>	intersection beside and joined with intersection
02A4C									<code>\closedvarcup</code>	closed union with serifs
02A4D									<code>\closedvarcap</code>	closed intersection with serifs
02A4E									<code>\Sqcap</code>	double square intersection
02A4F									<code>\Sqcup</code>	double square union
02A50									<code>\closedvarcupsmashprod</code>	closed union with serifs and smash product
02A51									<code>\wedgeodot</code>	logical and with dot above
02A52									<code>\veeodot</code>	logical or with dot above
02A53									<code>\Wedge</code>	double logical and
02A54									<code>\Vee</code>	double logical or
02A55									<code>\wedgonwedge</code>	two intersecting logical and
02A56									<code>\veeonvee</code>	two intersecting logical or
02A57									<code>\bigslowedvee</code>	sloping large or
02A58									<code>\bigslowedwedge</code>	sloping large and
02A5A									<code>\wedgemidvert</code>	logical and with middle stem
02A5B									<code>\veemidvert</code>	logical or with middle stem
02A5C									<code>\midbarwedge</code>	logical and with horizontal dash
02A5D									<code>\midbarvee</code>	logical or with horizontal dash
02A5E									<code>\doublebarwedge^(a)</code>	logical and with double overbar
02A5F									<code>\wedgebar</code>	logical and with underbar
02A60									<code>\wedgedoublebar</code>	logical and with double underbar
02A61									<code>\varveebar</code>	small vee with underbar
02A62									<code>\doublebarvee</code>	logical or with double overbar
02A63									<code>\veedoublebar</code>	logical or with double underbar
02A64									<code>\dsub</code>	z notation domain antirestriction
02A65									<code>\rsub</code>	z notation range antirestriction
02A71									<code>\eqqplus</code>	equals sign above plus sign
02A72									<code>\pluseqq</code>	plus sign above equals sign
02AF4									<code>\interleave</code>	triple vertical bar binary relation
02AF5									<code>\nhVvert</code>	triple vertical bar with horizontal stroke
02AF6									<code>\threedotcolon</code>	triple colon operator
02AFB									<code>\trslash</code>	triple solidus binary relation
02AFD									<code>\sslash</code>	double solidus operator
02AFE									<code>\talloblong</code>	white vertical bar

11 Ordinary symbols, \mathord





























































































































USV	M	X	C	L	D	A	P	E	Macro	Description
00023	#	#	#	#	#	#	#		\octothorpe	number sign
00024	\$	\$	\$	\$	\$	\$	\$		\mathdollar	dollar sign
00025	%	%	%	%	%	%	%		\percent	percent sign
00026	&	&	&	&	&	&	&	&	\ampersand	ampersand
0002E	.	.	.	.	.	.	.	.	\period	full stop, period
0002F	/	/	/	/	/	/	/	/	\mathslash	solidus
0003F	?	?	?	?	?	?	?	?	\question	question mark
00040	@	@	@	@	@	@	@		\atsign	commercial at
0005C	\	\	\	\	\	\	\	\	\backslash ^(p)	reverse solidus
000A3	£	£	£	£	£	£	£		\sterling	pound sign
000A5	¥	¥	¥	¥	¥	¥	¥		\yen	yen sign
000AC	¬	¬	¬	¬	¬	¬	¬	¬	\neg ^(p)	/neg /Inot not sign
001B5		Z							\Zbar	impedance (latin capital letter z with stroke)
003D8		Q	Q						\upoldKoppa	greek letter archaic koppa
003D9		q	q						\upoldkoppa	greek small letter archaic koppa
003F6		ε	ε						\upbackepsilon	greek reversed lunate epsilon symbol
02015		—	—			—	—		\horizbar	horizontal bar
02017		=				=	=		\twowline	double low line (spacing)
02025		..				..	..		\enleadertwodots	double baseline dot (en leader)
02026	...	...	...	...		...	...		\unicodeellipsis	ellipsis (horizontal)
02032	'	'	'	'	'	'	'		\prime ^(p)	prime or minute, not superscripted
02033	"	"	"	"	"	"	"		\dprime	double prime or second, not superscripted
02034	'''	'''	'''	'''	'''	'''	'''		\trprime	triple prime (not superscripted)
02035	\	\		\	\	\	\		\backprime ^(a)	reverse prime, not superscripted
02036		"		"	"	"	"		\backdprime	double reverse prime, not superscripted
02037		'''		'''	'''	'''	'''		\backtrprime	triple reverse prime, not superscripted
02038		^							\caretinsert	caret (insertion mark)
0203C		!!	!!	!!		!!			\Exclam	double exclamation mark
02043		■							\hyphenbullet	rectangle, filled (hyphen bullet)
02047		??		??					\Question	double question mark
02057		'''	'''	'''	'''	'''	'''		\qprime	quadruple prime, not superscripted
020AC	€	€	€	€		€	€		\euro	euro sign
020DD		○	○			○	○		\enclosecircle	combining enclosing circle
020DE		□	□			□	□		\enclosesquare	combining enclosing square
020DF		◇	◇			◇	◇		\enclosediamond	combining enclosing diamond
020E4		△				△	△		\enclosetriangle	combining enclosing upward pointing triangle
02107		ε	ε	ε	ε	ε	ε		\Eulerconst	euler constant
0210E	h	h	h	h	h	h	h		\Planckconst	planck constant
02127	℧	℧	℧	℧	℧	℧	℧		\mho	conductance
02132		ƒ	ƒ	ƒ	ƒ	ƒ			\Finv ^(a)	turned capital f
0213C	ℙ	ℙ				π	ℙ		\Bbbpi	double-struck small pi
02141		ɢ	ɢ			ɢ			\Game ^(a)	turned sans-serif capital g
02142		l	l			l			\sansLturned	turned sans-serif capital l
02143		l	l			l			\sansLmirrored	reversed sans-serif capital l
02144		ʎ	ʎ			ʎ			\Yup	turned sans-serif capital y
02145		ℒ	ℒ			ℒ	ℒ		\mitBbbd	double-struck italic capital d
02146		ℓ	ℓ			ℓ	ℓ		\mitBbbd	double-struck italic small d


































































































































USV	M	X	C	L	D	A	P	E	Macro	Description
02147									<code>\mitBbbe</code>	double-struck italic small e
02148									<code>\mitBbbi</code>	double-struck italic small i
02149									<code>\mitBbbj</code>	double-struck italic small j
0214A									<code>\PropertyLine</code>	property line
021A8									<code>\updownarrowbar</code>	up down arrow with base (perpendicular)
021B4									<code>\linefeed</code>	rightwards arrow with corner downwards
021B5									<code>\carriagereturn</code>	downwards arrow with corner leftward = carriage return
021B8									<code>\barovernorthwestarrow</code>	north west arrow to long bar
021B9									<code>\barleftarrowrightarrowbar</code>	leftwards arrow to bar over rightwards arrow to bar
021BA									<code>\acwopencirclearrow</code>	anticlockwise open circle arrow
021BB									<code>\cwopencirclearrow</code>	clockwise open circle arrow
021DE									<code>\nHuparrow</code>	upwards arrow with double stroke
021DF									<code>\nHdownarrow</code>	downwards arrow with double stroke
021E0									<code>\leftdasharrow</code>	leftwards dashed arrow
021E1									<code>\updasharrow</code>	upwards dashed arrow
021E2									<code>\righdasharrow</code>	rightwards dashed arrow
021E3									<code>\downdasharrow</code>	downwards dashed arrow
021E6									<code>\leftwhitearrow</code>	leftwards white arrow
021E7									<code>\upwhitearrow</code>	upwards white arrow
021E8									<code>\rightwhitearrow</code>	rightwards white arrow
021E9									<code>\downwhitearrow</code>	downwards white arrow
021EA									<code>\whitearrowupfrombar</code>	upwards white arrow from bar
02200									<code>\forall^{(p)}</code>	for all
02201									<code>\complement^{(a)}</code>	complement sign
02203									<code>\exists^{(p)}</code>	at least one exists
02204									<code>\nexists^{(a)}</code>	negated exists
02205									<code>\varnothing^{(a)}</code>	circle, slash
02206									<code>\increment</code>	laplacian (delta; nabla^2)
0220E									<code>\QED</code>	end of proof
0221E									<code>\infty^{(p)}</code>	infinity
0221F									<code>\rightangle</code>	right (90 degree) angle
02220									<code>\angle^{(p)}</code>	angle
02221									<code>\measuredangle^{(a)}</code>	angle-measured
02222									<code>\sphericalangle^{(a)}</code>	angle-spherical
02234									<code>\therefore^{(a)}</code>	therefore
02235									<code>\because^{(a)}</code>	because
0223F									<code>\sinewave</code>	sine wave
022A4									<code>\top^{(p)}</code>	top
022A5									<code>\bot^{(p)}</code>	bottom
022B9									<code>\hermitmatrix</code>	hermitian conjugate matrix
022BE									<code>\measuredrightangle</code>	right angle-measured [with arc]
022BF									<code>\varlrtriangle</code>	right triangle
022EF									<code>\unicodcdots</code>	three dots, centered
02300									<code>\diameter</code>	diameter sign
02302									<code>\house</code>	house
02310									<code>\invnot</code>	reverse not
02311									<code>\sqlozenge</code>	square lozenge
02312									<code>\proffline</code>	profile of a line
02313									<code>\profsurf</code>	profile of a surface



























































































USV	M	X	C	L	D	A	P	E	Macro	Description
02317		⦿							\viewdata	viewdata square
02319		⌞				⌞	⌞		\turnednot	turned not sign
02320		∫	∫	∫		∫	∫		\inttop	top half integral
02321		∫	∫	∫		∫	∫		\intbottom	bottom half integral
0232C		⬡							\varhexagonlrbonds	six carbon ring, corner down, double bonds lower right etc
02332		▷							\conictaper	conical taper
02336		⌈							\topbot	top and bottom
02340		⌘							\APLnotbackslash	apl functional symbol backslash bar
02353		⌘							\APLboxupcaret	boxed up caret
02370		⌘							\APLboxquestion	boxed question mark
0237C		⌘							\rangledownzigzagarrow	right angle with downwards zigzag arrow
02394		⬡							\hexagon	horizontal benzene ring [hexagon flat open]
0239B	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lparenuend	left parenthesis upper hook
0239C	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lparenextender	left parenthesis extension
0239D	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lparenlend	left parenthesis lower hook
0239E	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rparenuend	right parenthesis upper hook
0239F	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rparenextender	right parenthesis extension
023A0	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rparenlend	right parenthesis lower hook
023A1	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lbrackuend	left square bracket upper corner
023A2	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lbrackextender	left square bracket extension
023A3	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lbracklend	left square bracket lower corner
023A4	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rbrackuend	right square bracket upper corner
023A5	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rbrackextender	right square bracket extension
023A6	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\rbracklend	right square bracket lower corner
023A7	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lbraceuend	left curly bracket upper hook
023A8	⌈	⌈	⌈	⌈		⌈	⌈	⌈	\lbracemid	left curly bracket middle piece
































































USV	M	X	C	L	D	A	P	E	Macro	Description
023A9									<code>\lbracelend</code>	left curly bracket lower hook
023AA									<code>\vbraceextender</code>	curly bracket extension
023AB									<code>\rbraceuend</code>	right curly bracket upper hook
023AC									<code>\rbracemid</code>	right curly bracket middle piece
023AD									<code>\rbracelend</code>	right curly bracket lower hook
023AE									<code>\intextender</code>	integral extension
023AF									<code>\harrowextender</code>	horizontal line extension (used to extend arrows)
023B2									<code>\sumtop</code>	summation top
023B3									<code>\sumbottom</code>	summation bottom
023B6									<code>\bbrktbrk</code>	bottom square bracket over top square bracket
023B7									<code>\sqrtbottom</code>	radical symbol bottom
023B8									<code>\lvboxline</code>	left vertical box line
023B9									<code>\rvboxline</code>	right vertical box line
023CE									<code>\varcarriagereturn</code>	return symbol
023E0									<code>\obrbrak</code>	top tortoise shell bracket (mathematical use)
023E1									<code>\ubrbrak</code>	bottom tortoise shell bracket (mathematical use)
023E2									<code>\trapezium</code>	white trapezium
023E3									<code>\benzenr</code>	benzene ring with circle
023E4									<code>\strns</code>	straightness
023E5									<code>\fltns</code>	flatness
023E6									<code>\accurrent</code>	ac current
023E7									<code>\elinters</code>	electrical intersection
02422									<code>\blanksymbol</code>	blank symbol
02423									<code>\mathvisiblespace</code>	open box
02506									<code>\bdtriplevdash</code>	doubly broken vert
02580									<code>\blockuphalf</code>	upper half block
02584									<code>\blocklowhalf</code>	lower half block
02588									<code>\blockfull</code>	full block
0258c									<code>\blocklefthalf</code>	left half block
02590									<code>\blockrighthalf</code>	right half block
02591									<code>\blockqtrshaded</code>	25% shaded block
02592									<code>\blockhalfshaded</code>	50% shaded block
02593									<code>\blockthreeqtrshaded</code>	75% shaded block
025A0									<code>\mdlgblksquare</code>	square, filled
025A1									<code>\mdlgwhtsquare</code>	square, open
025A2									<code>\squoval</code>	white square with rounded corners
025A3									<code>\blackinwhitesquare</code>	white square containing black small square
025A4									<code>\squarehfill</code>	square, horizontal rule filled
025A5									<code>\squarevfill</code>	square, vertical rule filled
025A6									<code>\squarehvfill</code>	square with orthogonal crosshatch fill
025A7									<code>\squarenwsefill</code>	square, nw-to-se rule filled

USV	M	X	C	L	D	A	P	E	Macro	Description
025A8									<code>\squareneswfill</code>	square, ne-to-sw rule filled
025A9									<code>\squarecrossfill</code>	square with diagonal crosshatch fill
025AA									<code>\smbklsquare</code>	/blacksquare - sq bullet, filled
025AB									<code>\smwhtsquare</code>	white small square
025AC									<code>\hrectangleblack</code>	black rectangle
025AD									<code>\hrectangle</code>	horizontal rectangle, open
025AE									<code>\vrectangleblack</code>	black vertical rectangle
025AF									<code>\vrectangle</code>	rectangle, white (vertical)
025B0									<code>\parallelogramblack</code>	black parallelogram
025B1									<code>\parallelogram</code>	parallelogram, open
025B2									<code>\bigblacktriangleup</code>	ox25b2 6 6d black up-pointing triangle
025B4									<code>\blacktriangle^(a)</code>	up triangle, filled
025B6									<code>\blacktriangleangleright^(a)</code>	(large) right triangle, filled
025B8									<code>\smallblacktriangleangleright</code>	right triangle, filled
025B9									<code>\smalltriangleright</code>	right triangle, open
025BA									<code>\blackpointerright</code>	black right-pointing pointer
025BB									<code>\whitepointerright</code>	white right-pointing pointer
025BC									<code>\bigblacktriangledown</code>	big down triangle, filled
025BD									<code>\bigtriangledown^(p)</code>	big down triangle, open
025BE									<code>\blacktriangledown^(a)</code>	down triangle, filled
025BF									<code>\triangledown^(a)</code>	down triangle, open
025C0									<code>\blacktriangleleft^(a)</code>	(large) left triangle, filled
025C2									<code>\smallblacktriangleleft</code>	left triangle, filled
025C3									<code>\smalltriangleleft</code>	left triangle, open
025C4									<code>\blackpointerleft</code>	black left-pointing pointer
025C5									<code>\whitepointerleft</code>	white left-pointing pointer
025C6									<code>\mdlgblkdiamond</code>	black diamond
025C7									<code>\mdlgwhtdiamond</code>	white diamond; diamond, open
025C8									<code>\blackinwhitediamond</code>	white diamond containing black small diamond
025C9									<code>\fisheye</code>	fisheye
025CA									<code>\mdlgwhtlozenge</code>	lozenge or total mark
025CC									<code>\dottedcircle</code>	dotted circle
025CD									<code>\circlevertfill</code>	circle with vertical fill
025CE									<code>\bullseye</code>	bullseye
025CF									<code>\mdlgblkcircle</code>	circle, filled
025D0									<code>\circlelefthalfblack</code>	circle, filled left half [harvey ball]
025D1									<code>\cyclerighthalfblack</code>	circle, filled right half
025D2									<code>\circlebottomhalfblack</code>	circle, filled bottom half
025D3									<code>\cirtophalfblack</code>	circle, filled top half
025D4									<code>\circleurquadblack</code>	circle with upper right quadrant black
025D5									<code>\blackcircleulquadwhite</code>	circle with all but upper left quadrant black
025D6									<code>\blacklefthalfcircle</code>	left half black circle
025D7									<code>\blackrighthalfcircle</code>	right half black circle
025D8									<code>\inversebullet</code>	inverse bullet
025D9									<code>\inversewhitecircle</code>	inverse white circle
025DA									<code>\invwhiteupperhalfcircle</code>	upper half inverse white circle
025DB									<code>\invwhitelowerhalfcircle</code>	lower half inverse white circle
025DC									<code>\ularc</code>	upper left quadrant circular arc
025DD									<code>\urarc</code>	upper right quadrant circular arc
025DE									<code>\lrarc</code>	lower right quadrant circular arc

USV	M	X	C	L	D	A	P	E	Macro	Description
025DF									<code>\llarc</code>	lower left quadrant circular arc
025E0									<code>\topsemicircle</code>	upper half circle
025E1									<code>\botsemicircle</code>	lower half circle
025E2									<code>\lrblacktriangle</code>	lower right triangle, filled
025E3									<code>\llblacktriangle</code>	lower left triangle, filled
025E4									<code>\ulblacktriangle</code>	upper left triangle, filled
025E5									<code>\urblacktriangle</code>	upper right triangle, filled
025E6									<code>\smwhtcircle</code>	white bullet
025E7									<code>\squareleftblack</code>	square, filled left half
025E8									<code>\squarerightblack</code>	square, filled right half
025E9									<code>\squareulblack</code>	square, filled top left corner
025EA									<code>\squarelrblack</code>	square, filled bottom right corner
025EC									<code>\trianglecdot</code>	triangle with centered dot
025ED									<code>\triangleleftblack</code>	up-pointing triangle with left half black
025EE									<code>\trianglerightblack</code>	up-pointing triangle with right half black
025EF									<code>\lgwhtcircle</code>	large circle
025F0									<code>\squareulquad</code>	white square with upper left quadrant
025F1									<code>\squarellquad</code>	white square with lower left quadrant
025F2									<code>\squarelrquad</code>	white square with lower right quadrant
025F3									<code>\squareurquad</code>	white square with upper right quadrant
025F4									<code>\circleulquad</code>	white circle with upper left quadrant
025F5									<code>\circlellquad</code>	white circle with lower left quadrant
025F6									<code>\circlelrquad</code>	white circle with lower right quadrant
025F7									<code>\circleurquad</code>	white circle with upper right quadrant
025F8									<code>\ultriangle</code>	upper left triangle
025F9									<code>\urtriangle</code>	upper right triangle
025FA									<code>\lltriangle</code>	lower left triangle
025FB									<code>\mdwhtsquare</code>	white medium square
025FC									<code>\mdblksquare</code>	black medium square
025FD									<code>\mdsmwhtsquare</code>	white medium small square
025FE									<code>\mdsmbllsquare</code>	black medium small square
025FF									<code>\lrtriangle</code>	lower right triangle
02605									<code>\bigstar^(a)</code>	star, filled
02606									<code>\bigwhitestar</code>	star, open
02609									<code>\astrosun</code>	sun
02621									<code>\danger</code>	dangerous bend (caution sign)
0263B									<code>\blacksmiley</code>	black smiling face
0263C									<code>\sun</code>	white sun with rays
0263D									<code>\rightmoon</code>	first quarter moon
0263E									<code>\leftmoon</code>	last quarter moon
02640									<code>\female</code>	venus, female
02642									<code>\male</code>	mars, male
02660									<code>\spadesuit^(p)</code>	spades suit symbol
02661									<code>\heartsuit^(p)</code>	heart suit symbol
02662									<code>\diamondsuit^(p)</code>	diamond suit symbol
02663									<code>\clubsuit^(p)</code>	club suit symbol
02664									<code>\varspadesuit</code>	spade, white (card suit)
02665									<code>\varheartsuit</code>	filled heart (card suit)
02666									<code>\vardiamondsuit</code>	filled diamond (card suit)
02667									<code>\varclubsuit</code>	club, white (card suit)

USV	M	X	C	L	D	A	P	E	Macro	Description
02669									<code>\quarternote</code>	music note (sung text sign)
0266A									<code>\eighthnote</code>	eighth note
0266B									<code>\twonotes</code>	beamed eighth notes
0266D									<code>\flat^(p)</code>	musical flat
0266E									<code>\natural^(p)</code>	music natural
0266F									<code>\sharp^(p)</code>	musical sharp
0267E									<code>\acidfree</code>	permanent paper sign
02680									<code>\dicei</code>	die face-1
02681									<code>\diceii</code>	die face-2
02682									<code>\diceiii</code>	die face-3
02683									<code>\diceiv</code>	die face-4
02684									<code>\dicev</code>	die face-5
02685									<code>\dicevi</code>	die face-6
02686									<code>\circledrightdot</code>	white circle with dot right
02687									<code>\circledtwodots</code>	white circle with two dots
02688									<code>\blackcircledrightdot</code>	black circle with white dot right
02689									<code>\blackcircledtwodots</code>	black circle with two white dots
026A5									<code>\Hermaphrodite</code>	male and female sign
026AA									<code>\mdwhtcircle</code>	medium white circle
026AB									<code>\mdblkcircle</code>	medium black circle
026AC									<code>\mdsmwhtcircle</code>	medium small white circle
026B2									<code>\neuter</code>	neuter
02713									<code>\checkmark</code>	tick, check mark
02720									<code>\maltese</code>	maltese cross
0272A									<code>\circledstar</code>	circled white star
02736									<code>\varstar</code>	six pointed black star
0273D									<code>\dingasterisk</code>	heavy teardrop-spoked asterisk
0279B									<code>\draftingarrow</code>	right arrow with bold head (drafting)
027C0									<code>\threeangle</code>	three dimensional angle
027C1									<code>\whiteinwhitetriangle</code>	white triangle containing small white triangle
027C3									<code>\subsetcirc</code>	open subset
027C4									<code>\supsetcirc</code>	open superset
027D0									<code>\diamondcdot</code>	white diamond with centred dot
0292B									<code>\rdiagovfdiag</code>	rising diagonal crossing falling diagonal
0292C									<code>\fdiagovrdiag</code>	falling diagonal crossing rising diagonal
0292D									<code>\seovnearrow</code>	south east arrow crossing north east arrow
0292E									<code>\neovsearrow</code>	north east arrow crossing south east arrow
0292F									<code>\fdiagovnearrow</code>	falling diagonal crossing north east arrow
02930									<code>\rdiagovsearrow</code>	rising diagonal crossing south east arrow
02931									<code>\neovnwarrow</code>	north east arrow crossing north west arrow
02932									<code>\nwovnearrow</code>	north west arrow crossing north east arrow
02934									<code>\uprightcurvearrow</code>	arrow pointing rightwards then curving upwards
02935									<code>\downrightcurvedarrow</code>	arrow pointing rightwards then curving downwards
02981									<code>\mdsmbllkcircle</code>	z notation spot
02999									<code>\fourvdots</code>	dotted fence
0299A									<code>\vzigzag</code>	vertical zigzag line
0299B									<code>\measuredangleleft</code>	measured angle opening left
0299C									<code>\rightanglesqr</code>	right angle variant with square
0299D									<code>\rightanglemdot</code>	measured right angle with dot
0299E									<code>\angles</code>	angle with s inside

USV	M	X	C	L	D	A	P	E	Macro	Description
0299F									<code>\angdnr</code>	acute angle
029A0									<code>\gtlpar</code>	spherical angle opening left
029A1									<code>\sphericalangleup</code>	spherical angle opening up
029A2									<code>\turnangle</code>	turned angle
029A3									<code>\revangle</code>	reversed angle
029A4									<code>\angleubar</code>	angle with underbar
029A5									<code>\revangleubar</code>	reversed angle with underbar
029A6									<code>\wideangledown</code>	oblique angle opening up
029A7									<code>\wideangleup</code>	oblique angle opening down
029A8									<code>\measanglerutone</code>	measured angle with open arm ending in arrow pointing up and right
029A9									<code>\measanglelutronw</code>	measured angle with open arm ending in arrow pointing up and left
029AA									<code>\measanglerdtose</code>	measured angle with open arm ending in arrow pointing down and right
029AB									<code>\measangleldtosw</code>	measured angle with open arm ending in arrow pointing down and left
029AC									<code>\measangleurtone</code>	measured angle with open arm ending in arrow pointing right and up
029AD									<code>\measangleultonw</code>	measured angle with open arm ending in arrow pointing left and up
029AE									<code>\measangledrtose</code>	measured angle with open arm ending in arrow pointing right and down
029AF									<code>\measangledltosw</code>	measured angle with open arm ending in arrow pointing left and down
029B0									<code>\reemptyset</code>	reversed empty set
029B1									<code>\emptysetobar</code>	empty set with overbar
029B2									<code>\emptysetocirc</code>	empty set with small circle above
029B3									<code>\emptysetoarr</code>	empty set with right arrow above
029B4									<code>\emptysetoarrl</code>	empty set with left arrow above
029BA									<code>\obot</code>	circle divided by horizontal bar and top half divided by vertical bar
029BB									<code>\olcross</code>	circle with superimposed x
029BC									<code>\odotslashdot</code>	circled anticlockwise-rotated division sign
029BD									<code>\uparrowwocircle</code>	up arrow through circle
029BE									<code>\circledwhitebullet</code>	circled white bullet
029BF									<code>\circledbullet</code>	circled bullet
029C2									<code>\cirscir</code>	circle with small circle to the right
029C3									<code>\cirE</code>	circle with two horizontal strokes to the right
029C9									<code>\boxonbox</code>	two joined squares
029CA									<code>\triangleodot</code>	triangle with dot above
029CB									<code>\triangleubar</code>	triangle with underbar
029CC									<code>\triangles</code>	s in triangle
029DC									<code>\iinfin</code>	incomplete infinity
029DD									<code>\tieinfty</code>	tie over infinity
029DE									<code>\nvinfty</code>	infinity negated with vertical bar
029E0									<code>\laplac</code>	square with contoured outline
029E7									<code>\thermod</code>	thermodynamic
029E8									<code>\downtriangleleftblack</code>	down-pointing triangle with left half black
029E9									<code>\downtrianglerightblack</code>	down-pointing triangle with right half black
029EA									<code>\blackdiamonddownarrow</code>	black diamond with down arrow
029EC									<code>\circledownarrow</code>	white circle with down arrow
029ED									<code>\blackcircledownarrow</code>	black circle with down arrow
029EE									<code>\errbarsquare</code>	error-barred white square

USV	M	X	C	L	D	A	P	E	Macro	Description
029EF									<code>\errbarblacksquare</code>	error-barred black square
029FO									<code>\errbardiamond</code>	error-barred white diamond
029F1									<code>\errbarblackdiamond</code>	error-barred black diamond
029F2									<code>\errbarcircle</code>	error-barred white circle
029F3									<code>\errbarblackcircle</code>	error-barred black circle
02AE1									<code>\perps</code>	perpendicular with s
02AF1									<code>\topcir</code>	down tack with circle below
02B12									<code>\squaretopblack</code>	square with top half black
02B13									<code>\squarebotblack</code>	square with bottom half black
02B14									<code>\squareurblack</code>	square with upper right diagonal half black
02B15									<code>\squarellblack</code>	square with lower left diagonal half black
02B16									<code>\diamondleftblack</code>	diamond with left half black
02B17									<code>\diamondrightblack</code>	diamond with right half black
02B18									<code>\diamondtopblack</code>	diamond with top half black
02B19									<code>\diamondbotblack</code>	diamond with bottom half black
02B1A									<code>\dottedsquare</code>	dotted square
02B1B									<code>\lgblksquare</code>	black large square
02B1C									<code>\lgwhtsquare</code>	white large square
02B1D									<code>\vysmblksquare</code>	black very small square
02B1E									<code>\vysmwhtsquare</code>	white very small square
02B1F									<code>\pentagonblack</code>	black pentagon
02B20									<code>\pentagon</code>	white pentagon
02B21									<code>\varhexagon</code>	white hexagon
02B22									<code>\varhexagonblack</code>	black hexagon
02B23									<code>\hexagonblack</code>	horizontal black hexagon
02B24									<code>\lgblkcircle</code>	black large circle
02B25									<code>\mdblkdiamond</code>	black medium diamond
02B26									<code>\mdwhtdiamond</code>	white medium diamond
02B27									<code>\mdblklozenge</code>	black medium lozenge
02B28									<code>\mdwhtlozenge</code>	white medium lozenge
02B29									<code>\smbldiamond</code>	black small diamond
02B2A									<code>\smbldlozenge</code>	black small lozenge
02B2B									<code>\smwhtlozenge</code>	white small lozenge
02B2C									<code>\blkhorzoval</code>	black horizontal ellipse
02B2D									<code>\whthorzoval</code>	white horizontal ellipse
02B2E									<code>\blkvertoval</code>	black vertical ellipse
02B2F									<code>\whtvertoval</code>	white vertical ellipse
02B50									<code>\medwhitestar</code>	white medium star
02B51									<code>\medblackstar</code>	black medium star
02B52									<code>\smwhitestar</code>	white small star
02B53									<code>\rightpentagonblack</code>	black right-pointing pentagon
02B54									<code>\rightpentagon</code>	white right-pointing pentagon
03012									<code>\postalmark</code>	postal mark
03030									<code>\hzigzag</code>	zigzag
1D7CE	0	0	0	0	0	0	0	0	<code>\mbfzero</code>	mathematical bold digit 0
1D7CF	1	1	1	1	1	1	1	1	<code>\mbfone</code>	mathematical bold digit 1
1D7D0	2	2	2	2	2	2	2	2	<code>\mbftwo</code>	mathematical bold digit 2
1D7D1	3	3	3	3	3	3	3	3	<code>\mbfthree</code>	mathematical bold digit 3
1D7D2	4	4	4	4	4	4	4	4	<code>\mbffour</code>	mathematical bold digit 4
1D7D3	5	5	5	5	5	5	5	5	<code>\mbffive</code>	mathematical bold digit 5

USV	M	X	C	L	D	A	P	E	Macro	Description
1D7D4	6	6	6	6	6	6	6	6	\mbfsix	mathematical bold digit 6
1D7D5	7	7	7	7	7	7	7	7	\mbfseven	mathematical bold digit 7
1D7D6	8	8	8	8	8	8	8	8	\mbfeight	mathematical bold digit 8
1D7D7	9	9	9	9	9	9	9	9	\mbfnine	mathematical bold digit 9
1D7D8	0	0	0			0	0		\Bbbzero	mathematical double-struck digit 0
1D7D9	1	1	1			1	1		\Bbbone	mathematical double-struck digit 1
1D7DA	2	2	2			2	2		\Bbbtwo	mathematical double-struck digit 2
1D7DB	3	3	3			3	3		\Bbbthree	mathematical double-struck digit 3
1D7DC	4	4	4			4	4		\Bbbfour	mathematical double-struck digit 4
1D7DD	5	5	5			5	5		\Bbbfive	mathematical double-struck digit 5
1D7DE	6	6	6			6	6		\Bbbsix	mathematical double-struck digit 6
1D7DF	7	7	7			7	7		\Bbbseven	mathematical double-struck digit 7
1D7E0	8	8	8			8	8		\Bbbeight	mathematical double-struck digit 8
1D7E1	9	9	9			9	9		\Bbbnine	mathematical double-struck digit 9
1D7E2	0	0	0	0	0	0	0		\msanszero	mathematical sans-serif digit 0
1D7E3	1	1	1	1	1	1	1		\msansone	mathematical sans-serif digit 1
1D7E4	2	2	2	2	2	2	2		\msanstwo	mathematical sans-serif digit 2
1D7E5	3	3	3	3	3	3	3		\msanstthree	mathematical sans-serif digit 3
1D7E6	4	4	4	4	4	4	4		\msansfour	mathematical sans-serif digit 4
1D7E7	5	5	5	5	5	5	5		\msansfive	mathematical sans-serif digit 5
1D7E8	6	6	6	6	6	6	6		\msanssix	mathematical sans-serif digit 6
1D7E9	7	7	7	7	7	7	7		\msansseven	mathematical sans-serif digit 7
1D7EA	8	8	8	8	8	8	8		\msanseight	mathematical sans-serif digit 8
1D7EB	9	9	9	9	9	9	9		\msansnine	mathematical sans-serif digit 9
1D7EC	0	0	0	0	0	0	0		\mbfsanszero	mathematical sans-serif bold digit 0
1D7ED	1	1	1	1	1	1	1		\mbfsansone	mathematical sans-serif bold digit 1
1D7EE	2	2	2	2	2	2	2		\mbfsansttwo	mathematical sans-serif bold digit 2
1D7EF	3	3	3	3	3	3	3		\mbfsanstthree	mathematical sans-serif bold digit 3
1D7F0	4	4	4	4	4	4	4		\mbfsansfour	mathematical sans-serif bold digit 4
1D7F1	5	5	5	5	5	5	5		\mbfsansfive	mathematical sans-serif bold digit 5
1D7F2	6	6	6	6	6	6	6		\mbfsanssix	mathematical sans-serif bold digit 6
1D7F3	7	7	7	7	7	7	7		\mbfsansseven	mathematical sans-serif bold digit 7
1D7F4	8	8	8	8	8	8	8		\mbfsanseight	mathematical sans-serif bold digit 8
1D7F5	9	9	9	9	9	9	9		\mbfsansnine	mathematical sans-serif bold digit 9
1D7F6	0	0	0	0	0	0	0		\mttzero	mathematical monospace digit 0
1D7F7	1	1	1	1	1	1	1		\mttone	mathematical monospace digit 1
1D7F8	2	2	2	2	2	2	2		\mtttwo	mathematical monospace digit 2
1D7F9	3	3	3	3	3	3	3		\mttthree	mathematical monospace digit 3
1D7FA	4	4	4	4	4	4	4		\mttfour	mathematical monospace digit 4
1D7FB	5	5	5	5	5	5	5		\mttfive	mathematical monospace digit 5
1D7FC	6	6	6	6	6	6	6		\mttsix	mathematical monospace digit 6
1D7FD	7	7	7	7	7	7	7		\mttseven	mathematical monospace digit 7
1D7FE	8	8	8	8	8	8	8		\mtteight	mathematical monospace digit 8
1D7FF	9	9	9	9	9	9	9		\mttnine	mathematical monospace digit 9

12 Relation symbols, \mathrel

USV	M	X	C	L	D	A	P	E	Macro	Description
0003C	<	<	<	<	<	<	<	<	\less	less-than sign r:
0003D	=	=	=	=	=	=	=	=	\equal	equals sign r:
0003E	>	>	>	>	>	>	>	>	\greater	greater-than sign r:
02050		)				(			\closure	close up
02190	←	←	←	←	←	←	←	←	\leftarrow ^(p)	/leftarrow /gets a: leftward arrow
02191	↑	↑	↑	↑	↑	↑	↑	↑	\uparrow ^(p)	upward arrow
02192	→	→	→	→	→	→	→	→	\rightarrow ^(p)	/rightarrow /to a: rightward arrow
02193	↓	↓	↓	↓	↓	↓	↓	↓	\downarrow ^(p)	downward arrow
02194	↔	↔	↔	↔	↔	↔	↔	↔	\leftrightarrow ^(p)	left and right arrow
02195	↕	↕	↕	↕	↕	↕	↕	↕	\updownarrow ^(p)	up and down arrow
02196	↖	↖	↖	↖	↖	↖	↖	↖	\nwarrow ^(p)	nw pointing arrow
02197	↗	↗	↗	↗	↗	↗	↗	↗	\nearrow ^(p)	ne pointing arrow
02198	↘	↘	↘	↘	↘	↘	↘	↘	\searrow ^(p)	se pointing arrow
02199	↙	↙	↙	↙	↙	↙	↙	↙	\swarrow ^(p)	sw pointing arrow
0219A	↔	↔	↔	↔	↔	↔	↔		\nleftarrow ^(a)	not left arrow
0219B	↔	↔	↔	↔	↔	↔	↔		\nrightarrow ^(a)	not right arrow
0219C		↔	↔	↔	↔	↔			\leftwavyarrow	left arrow-wavy
0219D		↔	↔	↔	↔	↔			\rightwavyarrow	right arrow-wavy
0219E	↔	↔	↔	↔	↔	↔	↔		\twoheadleftarrow ^(a)	left two-headed arrow
0219F		↔	↔	↔	↔	↔	↔		\twoheaduparrow	up two-headed arrow
021A0	↔	↔	↔	↔	↔	↔	↔		\twoheadrightarrow ^(a)	right two-headed arrow
021A1		↔	↔	↔	↔	↔	↔		\twoheaddownarrow	down two-headed arrow
021A2	↔	↔	↔	↔	↔	↔	↔		\leftarrowtail ^(a)	left arrow-tailed
021A3	↔	↔	↔	↔	↔	↔	↔		\rightarrowtail ^(a)	right arrow-tailed
021A4		↔	↔	↔	↔	↔	↔		\mapsfrom	maps to, leftward
021A5		↔	↔	↔	↔	↔	↔		\mapsup	maps to, upward
021A6		↔	↔	↔	↔	↔	↔		\mapsto ^(p)	maps to, rightward
021A7		↔	↔	↔	↔	↔	↔		\mapsdown	maps to, downward
021A9		↔	↔	↔	↔	↔	↔		\hookleftarrow ^(p)	left arrow-hooked
021AA		↔	↔	↔	↔	↔	↔		\hookrightarrow ^(p)	right arrow-hooked
021AB	↔	↔	↔	↔	↔	↔	↔		\looparrowleft ^(a)	left arrow-looped
021AC	↔	↔	↔	↔	↔	↔	↔		\looparrowright ^(a)	right arrow-looped
021AD	↔	↔	↔	↔	↔	↔	↔		\leftrightsquigarrow ^(a)	left and right arr-wavy
021AE	↔	↔	↔	↔	↔	↔	↔		\nleftrightarrow ^(a)	not left and right arrow
021AF		↔	↔	↔	↔	↔	↔		\downzigzagarrow	downwards zigzag arrow
021B0	↖	↖	↖	↖	↖	↖	↖		\Lsh ^(a)	/lsh a:
021B1	↗	↗	↗	↗	↗	↗	↗		\Rsh ^(a)	/rsh a:
021B2		↖	↖	↖	↖	↖	↖		\Ldsh	left down angled arrow
021B3		↗	↗	↗	↗	↗	↗		\Rdsh	right down angled arrow
021B6	↪	↪	↪	↪	↪	↪	↪		\curvearrowleft ^(a)	left curved arrow
021B7	↩	↩	↩	↩	↩	↩	↩		\curvearrowright ^(a)	right curved arrow
021BC	↵	↵	↵	↵	↵	↵	↵	↵	\leftharpoonup ^(p)	left harpoon-up
021BD	↵	↵	↵	↵	↵	↵	↵	↵	\leftharpoondown ^(p)	left harpoon-down
021BE	↶	↶	↶	↶	↶	↶	↶		\upharpoonright ^(a)	/upharpoonright /restriction a: up harpoon-right
021BF	↷	↷	↷	↷	↷	↷	↷		\upharpoonleft ^(a)	up harpoon-left
021C0	↶	↶	↶	↶	↶	↶	↶	↶	\rightharpoonup ^(p)	right harpoon-up
021C1	↷	↷	↷	↷	↷	↷	↷	↷	\rightharpoondown ^(p)	right harpoon-down





































































































































































































USV	M	X	C	L	D	A	P	E	Macro	Description
021C2									<code>\downharpoonright^(a)</code>	down harpoon-right
021C3									<code>\downharpoonleft^(a)</code>	down harpoon-left
021C4									<code>\rightleftarrows^(a)</code>	right arrow over left arrow
021C5									<code>\updownarrows</code>	up arrow, down arrow
021C6									<code>\leftrightarrows^(a)</code>	left arrow over right arrow
021C7									<code>\leftleftarrows^(a)</code>	two left arrows
021C8									<code>\upuparrows^(a)</code>	two up arrows
021C9									<code>\rightrightarrows^(a)</code>	two right arrows
021CA									<code>\downdownarrows^(a)</code>	two down arrows
021CB									<code>\leftrightharpoons^(a)</code>	left harpoon over right
021CC									<code>\rightleftharpoons</code>	right harpoon over left
021CD									<code>\nLeftarrow^(a)</code>	not implied by
021CE									<code>\nLeftrightarrow^(a)</code>	not left and right double arrows
021CF									<code>\nRightarrow^(a)</code>	not implies
021D0									<code>\Leftarrow^(p)</code>	is implied by
021D1									<code>\Uparrow^(p)</code>	up double arrow
021D2									<code>\Rightarrow^(p)</code>	implies
021D3									<code>\Downarrow^(p)</code>	down double arrow
021D4									<code>\Leftrightarrow^(p)</code>	left and right double arrow
021D5									<code>\Updownarrow^(p)</code>	up and down double arrow
021D6									<code>\Nwarrow</code>	nw pointing double arrow
021D7									<code>\Nearrow</code>	ne pointing double arrow
021D8									<code>\Searrow</code>	se pointing double arrow
021D9									<code>\Svarrow</code>	sw pointing double arrow
021DA									<code>\Lleftarrow^(a)</code>	left triple arrow
021DB									<code>\Rrightarrow^(a)</code>	right triple arrow
021DC									<code>\leftsquigarrow</code>	leftwards squiggle arrow
021DD									<code>\rightsquigarrow^(a)</code>	rightwards squiggle arrow
021E4									<code>\barleftarrow</code>	leftwards arrow to bar
021E5									<code>\rightarrowbar</code>	rightwards arrow to bar
021F4									<code>\circlearrowright</code>	right arrow with small circle
021F5									<code>\downuparrows</code>	downwards arrow leftwards of upwards arrow
021F6									<code>\rightthreearrows</code>	three rightwards arrows
021F7									<code>\nleftarrow</code>	leftwards arrow with vertical stroke
021F8									<code>\nrightarrow</code>	rightwards arrow with vertical stroke
021F9									<code>\nleftrightarrow</code>	left right arrow with vertical stroke
021FA									<code>\nVleftarrow</code>	leftwards arrow with double vertical stroke
021FB									<code>\nVrightarrow</code>	rightwards arrow with double vertical stroke
021FC									<code>\nVleftrightarrow</code>	left right arrow with double vertical stroke
021FD									<code>\leftarrowtriangle</code>	leftwards open-headed arrow
021FE									<code>\rightarrowtriangle</code>	rightwards open-headed arrow
021FF									<code>\leftrightarrowtriangle</code>	left right open-headed arrow
02208									<code>\in^(p)</code>	set membership, variant
02209									<code>\notin</code>	negated set membership
0220A									<code>\smallin</code>	set membership (small set membership)
0220B									<code>\ni^(p)</code>	contains, variant
0220C									<code>\nni</code>	negated contains, variant
0220D									<code>\smallni</code>	/ni owns r: contains (small contains as member)
0221D									<code>\propto^(p)</code>	is proportional to
02223									<code>\mid^(p)</code>	/mid r:

usv	M	X	C	L	D	A	P	E	Macro	Description
02224									$\backslash\mathrm{nmid}^{(a)}$	negated mid
02225									$\backslash\mathrm{parallel}^{(p)}$	parallel
02226									$\backslash\mathrm{nparallel}^{(a)}$	not parallel
02236									$\backslash\mathrm{mathratio}$	ratio
02237									$\backslash\mathrm{Colon}$	two colons
02239									$\backslash\mathrm{dashcolon}$	excess (-:)
0223A									$\backslash\mathrm{dotsminusdots}$	minus with four dots, geometric properties
0223B									$\backslash\mathrm{kernelcontraction}$	homothetic
0223C									$\backslash\mathrm{sim}^{(p)}$	similar
0223D									$\backslash\mathrm{backsim}^{(a)}$	reverse similar
02241									$\backslash\mathrm{nsim}^{(a)}$	not similar
02242									$\backslash\mathrm{eqsim}^{(a)}$	equals, similar
02243									$\backslash\mathrm{simeq}^{(p)}$	similar, equals
02244									$\backslash\mathrm{nsime}$	not similar, equals
02245									$\backslash\mathrm{cong}$	congruent with
02246									$\backslash\mathrm{simneqq}$	similar, not equals [vert only for 9573 entity]
02247									$\backslash\mathrm{ncong}^{(a)}$	not congruent with
02248									$\backslash\mathrm{approx}^{(p)}$	approximate
02249									$\backslash\mathrm{napprox}$	not approximate
0224A									$\backslash\mathrm{approxeq}^{(a)}$	approximate, equals
0224B									$\backslash\mathrm{approxident}$	approximately identical to
0224C									$\backslash\mathrm{backcong}$	all equal to
0224D									$\backslash\mathrm{asymp}^{(p)}$	asymptotically equal to
0224E									$\backslash\mathrm{Bumpeq}^{(a)}$	bumpy equals
0224F									$\backslash\mathrm{bumpeq}^{(a)}$	bumpy equals, equals
02250									$\backslash\mathrm{doteq}$	equals, single dot above
02251									$\backslash\mathrm{Doteq}^{(a)}$	/doteqdot /doteq r: equals, even dots
02252									$\backslash\mathrm{fallingdotseq}^{(a)}$	equals, falling dots
02253									$\backslash\mathrm{risingdotseq}^{(a)}$	equals, rising dots
02254									$\backslash\mathrm{coloneq}$	colon, equals
02255									$\backslash\mathrm{eqcolon}$	equals, colon
02256									$\backslash\mathrm{eqcirc}^{(a)}$	circle on equals sign
02257									$\backslash\mathrm{circeq}^{(a)}$	circle, equals
02258									$\backslash\mathrm{arceq}$	arc, equals; corresponds to
02259									$\backslash\mathrm{wedgeq}$	corresponds to (wedge, equals)
0225A									$\backslash\mathrm{veeeq}$	logical or, equals
0225B									$\backslash\mathrm{stareq}$	star equals
0225C									$\backslash\mathrm{triangleq}^{(a)}$	triangle, equals
0225D									$\backslash\mathrm{eqdef}^{def}$	equals by definition
0225E									$\backslash\mathrm{measeq}$	measured by (m over equals)
0225F									$\backslash\mathrm{questeq}$	equal with questionmark
02260									$\backslash\mathrm{ne}^{(p)}$	/ne /neq r: not equal
02261									$\backslash\mathrm{equiv}^{(p)}$	identical with
02262									$\backslash\mathrm{nequiv}$	not identical with
02263									$\backslash\mathrm{Equiv}$	strict equivalence (4 lines)
02264									$\backslash\mathrm{leq}^{(p)}$	/leq /le r: less-than-or-equal
02265									$\backslash\mathrm{geq}^{(p)}$	/geq /ge r: greater-than-or-equal
02266									$\backslash\mathrm{leqq}^{(a)}$	less, double equals
02267									$\backslash\mathrm{geqq}^{(a)}$	greater, double equals
02268									$\backslash\mathrm{lneqq}^{(a)}$	less, not double equals

USV	M	X	C	L	D	A	P	E	Macro	Description
02269									<code>\gneqq^(a)</code>	greater, not double equals
0226A									<code>\ll^(p)</code>	much less than, type 2
0226B									<code>\gg^(p)</code>	much greater than, type 2
0226C									<code>\between^(a)</code>	between
0226D									<code>\nasymp</code>	not asymptotically equal to
0226E									<code>\nless^(a)</code>	not less-than
0226F									<code>\ngtr^(a)</code>	not greater-than
02270									<code>\nleq^(a)</code>	not less-than-or-equal
02271									<code>\ngeq^(a)</code>	not greater-than-or-equal
02272									<code>\lesssim^(a)</code>	less, similar
02273									<code>\gtrsim^(a)</code>	greater, similar
02274									<code>\nlesssim</code>	not less, similar
02275									<code>\ngtrsim</code>	not greater, similar
02276									<code>\lessgtr^(a)</code>	less, greater
02277									<code>\gtrless^(a)</code>	greater, less
02278									<code>\nlessgtr</code>	not less, greater
02279									<code>\ngtrless</code>	not greater, less
0227A									<code>\prec^(p)</code>	precedes
0227B									<code>\succ^(p)</code>	succeeds
0227C									<code>\preccurlyeq^(a)</code>	precedes, curly equals
0227D									<code>\succcurlyeq^(a)</code>	succeeds, curly equals
0227E									<code>\precsim^(a)</code>	precedes, similar
0227F									<code>\succsim^(a)</code>	succeeds, similar
02280									<code>\nprec^(a)</code>	not precedes
02281									<code>\nsucc^(a)</code>	not succeeds
02282									<code>\subset^(p)</code>	subset or is implied by
02283									<code>\supset^(p)</code>	superset or implies
02284									<code>\nsubset</code>	not subset, variant [slash negation]
02285									<code>\nsupset</code>	not superset, variant [slash negation]
02286									<code>\subseteq^(p)</code>	subset, equals
02287									<code>\supseteq^(p)</code>	superset, equals
02288									<code>\nsubseteq^(a)</code>	not subset, equals
02289									<code>\nsupseteq^(a)</code>	not superset, equals
0228A									<code>\subsetneq^(a)</code>	subset, not equals
0228B									<code>\supsetneq^(a)</code>	superset, not equals
0228F									<code>\sqsubset</code>	square subset
02290									<code>\sqsupset</code>	square superset
02291									<code>\sqsubseteq^(p)</code>	square subset, equals
02292									<code>\sqsupseteq^(p)</code>	square superset, equals
022A2									<code>\vdash^(p)</code>	vertical, dash
022A3									<code>\dashv^(p)</code>	dash, vertical
022A6									<code>\assert</code>	assertion (vertical, short dash)
022A7									<code>\models^(p)</code>	models (vertical, short double dash)
022A8									<code>\vDash^(a)</code>	vertical, double dash
022A9									<code>\Vdash^(a)</code>	double vertical, dash
022AA									<code>\Vvdash^(a)</code>	triple vertical, dash
022AB									<code>\VDash</code>	double vert, double dash
022AC									<code>\nvdash^(a)</code>	not vertical, dash
022AD									<code>\nvDash^(a)</code>	not vertical, double dash
022AE									<code>\nVdash^(a)</code>	not double vertical, dash

USV	M	X	C	L	D	A	P	E	Macro	Description
022AF									<code>\nVDash^(a)</code>	not double vert, double dash
022B0									<code>\prurel</code>	element precedes under relation
022B1									<code>\scurel</code>	succeeds under relation
022B2									<code>\vartriangleleft^(a)</code>	left triangle, open, variant
022B3									<code>\vartriangleright^(a)</code>	right triangle, open, variant
022B4									<code>\trianglelefteq^(a)</code>	left triangle, equals
022B5									<code>\trianglerighteq^(a)</code>	right triangle, equals
022B6									<code>\origof</code>	original of
022B7									<code>\imageof</code>	image of
022B8									<code>\multimap^(a)</code>	/multimap a:
022C8									<code>\bowtie^(p)</code>	bowtie
022CD									<code>\backsimeq^(a)</code>	reverse similar, equals
022D0									<code>\Subset^(a)</code>	double subset
022D1									<code>\Supset^(a)</code>	double superset
022D4									<code>\pitchfork^(a)</code>	pitchfork
022D5									<code>\equalparallel</code>	parallel, equal; equal or parallel
022D6									<code>\lessdot^(a)</code>	less than, with dot
022D7									<code>\gtrdot^(a)</code>	greater than, with dot
022D8									<code>\lll^(a)</code>	/II /III /lless r: triple less-than
022D9									<code>\ggg^(a)</code>	/ggg /gg /gggtr r: triple greater-than
022DA									<code>\lesseqgtr^(a)</code>	less, equals, greater
022DB									<code>\gtreqless^(a)</code>	greater, equals, less
022DC									<code>\eqless</code>	equal-or-less
022DD									<code>\eqgtr</code>	equal-or-greater
022DE									<code>\curlyeqprec^(a)</code>	curly equals, precedes
022DF									<code>\curlyeqsucc^(a)</code>	curly equals, succeeds
022E0									<code>\npreccurlyeq</code>	not precedes, curly equals
022E1									<code>\nsucccurlyeq</code>	not succeeds, curly equals
022E2									<code>\nsqsubseteq</code>	not, square subset, equals
022E3									<code>\nsqsupseteq</code>	not, square superset, equals
022E4									<code>\sqsubsetneq</code>	square subset, not equals
022E5									<code>\sqsupsetneq</code>	square superset, not equals
022E6									<code>\lnsim^(a)</code>	less, not similar
022E7									<code>\gnsim^(a)</code>	greater, not similar
022E8									<code>\precnsim^(a)</code>	precedes, not similar
022E9									<code>\succnsim^(a)</code>	succeeds, not similar
022EA									<code>\nvartriangleleft</code>	not left triangle
022EB									<code>\nvartriangleright</code>	not right triangle
022EC									<code>\ntrianglelefteq^(a)</code>	not left triangle, equals
022ED									<code>\ntrianglerighteq^(a)</code>	not right triangle, equals
022EE									<code>\vdots^(p)</code>	vertical ellipsis
022FO									<code>\adots</code>	three dots, ascending
022F1									<code>\ddots^(p)</code>	three dots, descending
022F2									<code>\disin</code>	element of with long horizontal stroke
022F3									<code>\varisins</code>	element of with vertical bar at end of horizontal stroke
022F4									<code>\isins</code>	small element of with vertical bar at end of horizontal stroke
022F5									<code>\isindot</code>	element of with dot above
022F6									<code>\varisinobar</code>	element of with overbar
022F7									<code>\isinobar</code>	small element of with overbar
022F8									<code>\isinvb</code>	element of with underbar

USV	M	X	C	L	D	A	P	E	Macro	Description
022F9		☞	☞	☞	☞	☞			<code>\isinE</code>	element of with two horizontal strokes
022FA		☞	☞	☞	☞	☞			<code>\nisd</code>	contains with long horizontal stroke
022FB		☞	☞	☞	☞	☞			<code>\varnis</code>	contains with vertical bar at end of horizontal stroke
022FC		☞	☞	☞	☞	☞			<code>\nis</code>	small contains with vertical bar at end of horizontal stroke
022FD		☞	☞	☞	☞	☞			<code>\varniobar</code>	contains with overbar
022FE		☞	☞	☞	☞	☞			<code>\niobar</code>	small contains with overbar
022FF		☞	☞	☞	☞	☞			<code>\bagmember</code>	z notation bag membership
02322	⌒	⌒		⌒	⌒	⌒	⌒		<code>\frown^(p)</code>	down curve
02323	⌒	⌒		⌒	⌒	⌒	⌒		<code>\smile^(p)</code>	up curve
0233F		⌘							<code>\APLnotslash</code>	solidus, bar through (apl functional symbol slash b)
025B5		△		△					<code>\vartriangle^(a)</code>	/triangle - up triangle, open
027C2	⊥	⊥		⊥		⊥	⊥		<code>\perp^(p)</code>	perpendicular
027C8		⌞				⌞			<code>\bsolhsb</code>	reverse solidus preceding subset
027C9		⌞				⌞			<code>\suphsol</code>	superset preceding solidus
027D2		⌞				⌞			<code>\upin</code>	element of opening upwards
027D3		⌞				⌞			<code>\pullback</code>	lower right corner with dot
027D4		⌞				⌞			<code>\pushout</code>	upper left corner with dot
027DA		⌞				⌞	⌞		<code>\DashVDash</code>	left and right double turnstile
027DB		⌞				⌞	⌞		<code>\dashVdash</code>	left and right tack
027DC		⌞				⌞			<code>\multimapinv</code>	left multimap
027DD		⌞				⌞	⌞		<code>\vlongdash</code>	long left tack
027DE		⌞				⌞	⌞		<code>\vlongdashv</code>	long right tack
027DF		⌞				⌞			<code>\cirbot</code>	up tack with circle above
027F0		⌞	⌞	⌞	⌞	⌞			<code>\UUparrow</code>	upwards quadruple arrow
027F1		⌞	⌞	⌞	⌞	⌞			<code>\DDownarrow</code>	downwards quadruple arrow
027F2		⌞	⌞	⌞	⌞	⌞			<code>\acwgapcirculararrow</code>	anticlockwise gapped circle arrow
027F3		⌞	⌞	⌞	⌞	⌞			<code>\cwgapcirculararrow</code>	clockwise gapped circle arrow
027F4		⌞	⌞	⌞	⌞	⌞	⌞		<code>\rightarrowonoplus</code>	right arrow with circled plus
027F5		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longleftarrow^(p)</code>	long leftwards arrow
027F6		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longrightarrow^(p)</code>	long rightwards arrow
027F7		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longleftrightarrow^(p)</code>	long left right arrow
027F8		⌞	⌞	⌞	⌞	⌞	⌞		<code>\Longleftarrow^(p)</code>	long leftwards double arrow
027F9		⌞	⌞	⌞	⌞	⌞	⌞		<code>\Longrightarrow^(p)</code>	long rightwards double arrow
027FA		⌞	⌞	⌞	⌞	⌞	⌞		<code>\Longleftrightarrow^(p)</code>	long left right double arrow
027FB		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longmapsfrom</code>	long leftwards arrow from bar
027FC		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longmapsto^(p)</code>	long rightwards arrow from bar
027FD		⌞	⌞	⌞	⌞	⌞	⌞		<code>\Longmapsfrom</code>	long leftwards double arrow from bar
027FE		⌞	⌞	⌞	⌞	⌞	⌞		<code>\Longmapsto</code>	long rightwards double arrow from bar
027FF		⌞	⌞	⌞	⌞	⌞	⌞		<code>\longrightsquigarrow</code>	long rightwards squiggle arrow
02900		⌞	⌞	⌞		⌞			<code>\nVtwoheadrightarrow</code>	rightwards two-headed arrow with vertical stroke
02901		⌞	⌞	⌞		⌞			<code>\nVtwoheadrightarrow</code>	rightwards two-headed arrow with double vertical stroke
02902		⌞	⌞	⌞		⌞			<code>\nvLeftarrow</code>	leftwards double arrow with vertical stroke
02903		⌞	⌞	⌞		⌞			<code>\nvRrightarrow</code>	rightwards double arrow with vertical stroke
02904		⌞	⌞	⌞		⌞			<code>\nvLeftrightarrow</code>	left right double arrow with vertical stroke
02905		⌞	⌞	⌞		⌞			<code>\twoheadmapsto</code>	rightwards two-headed arrow from bar
02906		⌞	⌞	⌞		⌞	⌞		<code>\Mapsfrom</code>	leftwards double arrow from bar
02907		⌞	⌞	⌞		⌞	⌞		<code>\Mapsto</code>	rightwards double arrow from bar
02908		⌞	⌞	⌞		⌞			<code>\downarrowbarred</code>	downwards arrow with horizontal stroke
02909		⌞	⌞	⌞		⌞			<code>\uparrowbarred</code>	upwards arrow with horizontal stroke
































































































































USV	M	X	C	L	D	A	P	E	Macro	Description
0290A									<code>\Uparrow</code>	upwards triple arrow
0290B									<code>\Downarrow</code>	downwards triple arrow
0290C									<code>\lefttbkarrow</code>	leftwards double dash arrow
0290D									<code>\righttbkarrow</code>	rightwards double dash arrow
0290E									<code>\leftdbkarrow</code>	leftwards triple dash arrow
0290F									<code>\dbkarrow</code>	rightwards triple dash arrow
02910									<code>\drbkarrow</code>	rightwards two-headed triple dash arrow
02911									<code>\rightrightarrow</code>	rightwards arrow with dotted stem
02912									<code>\baruparrow</code>	upwards arrow to bar
02913									<code>\downarrowbar</code>	downwards arrow to bar
02914									<code>\nvrightarrowtail</code>	rightwards arrow with tail with vertical stroke
02915									<code>\nVrightarrowtail</code>	rightwards arrow with tail with double vertical stroke
02916									<code>\twoheadrightarrowtail</code>	rightwards two-headed arrow with tail
02917									<code>\nvtwoheadrightarrowtail</code>	rightwards two-headed arrow with tail with vertical stroke
02918									<code>\nVtwoheadrightarrowtail</code>	rightwards two-headed arrow with tail with double vertical stroke
02919									<code>\lefttail</code>	leftwards arrow-tail
0291A									<code>\righttail</code>	rightwards arrow-tail
0291B									<code>\leftdbltail</code>	leftwards double arrow-tail
0291C									<code>\rightdbltail</code>	rightwards double arrow-tail
0291D									<code>\diamondleftarrow</code>	leftwards arrow to black diamond
0291E									<code>\rightarrowblacklozenge</code>	rightwards arrow to black diamond
0291F									<code>\diamondleftarrowbar</code>	leftwards arrow from bar to black diamond
02920									<code>\barrightarrowblacklozenge</code>	rightwards arrow from bar to black diamond
02921									<code>\nwsearrow</code>	north west and south east arrow
02922									<code>\neswarrow</code>	north east and south west arrow
02923									<code>\hknwarrow</code>	north west arrow with hook
02924									<code>\hknearrow</code>	north east arrow with hook
02925									<code>\hksearrow</code>	south east arrow with hook
02926									<code>\hkswarrow</code>	south west arrow with hook
02927									<code>\tona</code>	north west arrow and north east arrow
02928									<code>\toea</code>	north east arrow and south east arrow
02929									<code>\tosa</code>	south east arrow and south west arrow
0292A									<code>\towa</code>	south west arrow and north west arrow
02933									<code>\rightarrowcurlyarrow</code>	wave arrow pointing directly right
02936									<code>\leftdowncurvedarrow</code>	arrow pointing downwards then curving leftwards
02937									<code>\rightdowncurvedarrow</code>	arrow pointing downwards then curving rightwards
02938									<code>\cwrightrightarrow</code>	right-side arc clockwise arrow
02939									<code>\acwleftarrow</code>	left-side arc anticlockwise arrow
0293A									<code>\acwoverrightarrow</code>	top arc anticlockwise arrow
0293B									<code>\acwunderrightarrow</code>	bottom arc anticlockwise arrow
0293C									<code>\curvearrowrightminus</code>	top arc clockwise arrow with minus
0293D									<code>\curvearrowleftplus</code>	top arc anticlockwise arrow with plus
0293E									<code>\cwundercurvearrow</code>	lower right semicircular clockwise arrow
0293F									<code>\ccwundercurvearrow</code>	lower left semicircular anticlockwise arrow
02940									<code>\acwcirclearrow</code>	anticlockwise closed circle arrow
02941									<code>\cwcirclearrow</code>	clockwise closed circle arrow
02942									<code>\rightarrowshortleftarrow</code>	rightwards arrow above short leftwards arrow
02943									<code>\leftarrowshortrightarrow</code>	leftwards arrow above short rightwards arrow
02944									<code>\shortrightarrowleftarrow</code>	short rightwards arrow above leftwards arrow













usv	M	X	C	L	D	A	P	E	Macro	Description
02945									<code>\rightarrowplus</code>	rightwards arrow with plus below
02946									<code>\leftarrowplus</code>	leftwards arrow with plus below
02947									<code>\rightarrowx</code>	rightwards arrow through x
02948									<code>\leftrightarrowcircle</code>	left right arrow through small circle
02949									<code>\twoheaduparrowcircle</code>	upwards two-headed arrow from small circle
0294A									<code>\leftrightharpoonupdown</code>	left barb up right barb down harpoon
0294B									<code>\leftrightharpoondownup</code>	left barb down right barb up harpoon
0294C									<code>\updownharpoonrightleft</code>	up barb right down barb left harpoon
0294D									<code>\updownharpoonleftright</code>	up barb left down barb right harpoon
0294E									<code>\leftrightharpoonupup</code>	left barb up right barb up harpoon
0294F									<code>\updownharpoonrightright</code>	up barb right down barb right harpoon
02950									<code>\leftrightharpoondowndown</code>	left barb down right barb down harpoon
02951									<code>\updownharpoonleftleft</code>	up barb left down barb left harpoon
02952									<code>\barleftharpoonup</code>	leftwards harpoon with barb up to bar
02953									<code>\rightharpoonupbar</code>	rightwards harpoon with barb up to bar
02954									<code>\barupharpoonright</code>	upwards harpoon with barb right to bar
02955									<code>\downharpoonrightbar</code>	downwards harpoon with barb right to bar
02956									<code>\barleftharpoondown</code>	leftwards harpoon with barb down to bar
02957									<code>\rightharpoondownbar</code>	rightwards harpoon with barb down to bar
02958									<code>\barupharpoonleft</code>	upwards harpoon with barb left to bar
02959									<code>\downharpoonleftbar</code>	downwards harpoon with barb left to bar
0295A									<code>\leftharpoonupbar</code>	leftwards harpoon with barb up from bar
0295B									<code>\barrightharpoonup</code>	rightwards harpoon with barb up from bar
0295C									<code>\upharpoonrightbar</code>	upwards harpoon with barb right from bar
0295D									<code>\bardownharpoonright</code>	downwards harpoon with barb right from bar
0295E									<code>\leftharpoondownbar</code>	leftwards harpoon with barb down from bar
0295F									<code>\barrightharpoondown</code>	rightwards harpoon with barb down from bar
02960									<code>\upharpoonleftbar</code>	upwards harpoon with barb left from bar
02961									<code>\bardownharpoonleft</code>	downwards harpoon with barb left from bar
02962									<code>\leftharpoonsupdown</code>	leftwards harpoon with barb up above leftwards harpoon with barb down
02963									<code>\upharpoonsleftright</code>	upwards harpoon with barb left beside upwards harpoon with barb right
02964									<code>\rightharpoonsupdown</code>	rightwards harpoon with barb up above rightwards harpoon with barb down
02965									<code>\downharpoonsleftright</code>	downwards harpoon with barb left beside downwards harpoon with barb right
02966									<code>\leftrightharpoonsup</code>	leftwards harpoon with barb up above rightwards harpoon with barb up
02967									<code>\leftrightharpoonsdown</code>	leftwards harpoon with barb down above rightwards harpoon with barb down
02968									<code>\rightleftharpoonsup</code>	rightwards harpoon with barb up above leftwards harpoon with barb up
02969									<code>\rightleftharpoonsdown</code>	rightwards harpoon with barb down above leftwards harpoon with barb down
0296A									<code>\leftharpoonupdash</code>	leftwards harpoon with barb up above long dash
0296B									<code>\dashleftharpoondown</code>	leftwards harpoon with barb down below long dash
0296C									<code>\rightharpoonupdash</code>	rightwards harpoon with barb up above long dash
0296D									<code>\dashrightharpoondown</code>	rightwards harpoon with barb down below long dash
0296E									<code>\updownharpoonsleftright</code>	upwards harpoon with barb left beside downwards harpoon with barb right
0296F									<code>\downupharpoonsleftright</code>	downwards harpoon with barb left beside upwards harpoon with barb right
02970									<code>\rightarrowtally</code>	right double arrow with rounded head
02971									<code>\equalrightarrow</code>	equals sign above rightwards arrow

usv	M	X	C	L	D	A	P	E	Macro	Description
02972									<code>\similarrrightarrow</code>	tilde operator above rightwards arrow
02973									<code>\leftarrowsimilar</code>	leftwards arrow above tilde operator
02974									<code>\rightarrowsimilar</code>	rightwards arrow above tilde operator
02975									<code>\rightarrowapprox</code>	rightwards arrow above almost equal to
02976									<code>\ltlarr</code>	less-than above leftwards arrow
02977									<code>\leftarrowless</code>	leftwards arrow through less-than
02978									<code>\gtrarr</code>	greater-than above rightwards arrow
02979									<code>\subrarr</code>	subset above rightwards arrow
0297A									<code>\leftarrowsubset</code>	leftwards arrow through subset
0297B									<code>\suplarr</code>	superset above leftwards arrow
0297C									<code>\leftfishtail</code>	left fish tail
0297D									<code>\rightfishtail</code>	right fish tail
0297E									<code>\upfishtail</code>	up fish tail
0297F									<code>\downfishtail</code>	down fish tail
029CE									<code>\rtriltri</code>	right triangle above left triangle
029CF									<code>\ltrivb</code>	left triangle beside vertical bar
029D0									<code>\vbrtri</code>	vertical bar beside right triangle
029D1									<code>\lfbowtie</code>	left black bowtie
029D2									<code>\rfbowtie</code>	right black bowtie
029D3									<code>\fbowtie</code>	black bowtie
029D4									<code>\lftimes</code>	left black times
029D5									<code>\rftimes</code>	right black times
029DF									<code>\dualmap</code>	double-ended multimap
029E1									<code>\lrtriangleeq</code>	increases as
029E3									<code>\eparsl</code>	equals sign and slanted parallel
029E4									<code>\smeparsl</code>	equals sign and slanted parallel with tilde above
029E5									<code>\eqvparsl</code>	identical to and slanted parallel
029E6									<code>\gleichstark</code>	gleich stark
029F4									<code>\ruledelayed</code>	rule-delayed
02A59									<code>\veeonwedge</code>	logical or overlapping logical and
02A66									<code>\eqdot</code>	equals sign with dot below
02A67									<code>\dotequiv</code>	identical with dot above
02A68									<code>\equivVert</code>	triple horizontal bar with double vertical stroke
02A69									<code>\equivVvert</code>	triple horizontal bar with triple vertical stroke
02A6A									<code>\dotsim</code>	tilde operator with dot above
02A6B									<code>\simrdots</code>	tilde operator with rising dots
02A6C									<code>\simminusim</code>	similar minus similar
02A6D									<code>\congdot</code>	congruent with dot above
02A6E									<code>\asteq</code>	equals with asterisk
02A6F									<code>\hatapprox</code>	almost equal to with circumflex accent
02A70									<code>\approxqq</code>	approximately equal or equal to
02A73									<code>\eqqsim</code>	equals sign above tilde operator
02A74									<code>\Coloneq</code>	double colon equal
02A75									<code>\eqeq</code>	two consecutive equals signs
02A76									<code>\eqeqeq</code>	three consecutive equals signs
02A77									<code>\ddotseq</code>	equals sign with two dots above and two dots below
02A78									<code>\equivDD</code>	equivalent with four dots above
02A79									<code>\ltcir</code>	less-than with circle inside
02A7A									<code>\gtcir</code>	greater-than with circle inside
02A7B									<code>\ltquest</code>	less-than with question mark above

USV	M	X	C	L	D	A	P	E	Macro	Description
02A7C		↯		↯		↯			<code>\gtquest</code>	greater-than with question mark above
02A7D	↯	↯		↯	↯	↯	↯		<code>\leqslant</code> ^(a)	less-than or slanted equal to
02A7E	↯	↯		↯	↯	↯	↯		<code>\geqslant</code> ^(a)	greater-than or slanted equal to
02A7F		↯		↯		↯			<code>\lesdot</code>	less-than or slanted equal to with dot inside
02A80		↯		↯		↯			<code>\gesdot</code>	greater-than or slanted equal to with dot inside
02A81		↯		↯		↯			<code>\lesdoto</code>	less-than or slanted equal to with dot above
02A82		↯		↯		↯			<code>\gesdoto</code>	greater-than or slanted equal to with dot above
02A83		↯		↯		↯			<code>\lesdotor</code>	less-than or slanted equal to with dot above right
02A84		↯		↯		↯			<code>\gesdotor</code>	greater-than or slanted equal to with dot above right
02A85	↯	↯		↯	↯	↯	↯		<code>\lessapprox</code> ^(a)	less-than or approximate
02A86	↯	↯		↯	↯	↯	↯		<code>\gtrapprox</code> ^(a)	greater-than or approximate
02A87	↯	↯	↯	↯		↯	↯		<code>\lneq</code> ^(a)	less-than and single-line not equal to
02A88	↯	↯	↯	↯		↯	↯		<code>\gneq</code> ^(a)	greater-than and single-line not equal to
02A89	↯	↯	↯	↯		↯	↯		<code>\lnapprox</code> ^(a)	less-than and not approximate
02A8A	↯	↯	↯	↯		↯	↯		<code>\gnapprox</code> ^(a)	greater-than and not approximate
02A8B	↯	↯		↯	↯	↯	↯		<code>\lesseqgtr</code> ^(a)	less-than above double-line equal above greater-than
02A8C	↯	↯		↯	↯	↯	↯		<code>\gtreqless</code> ^(a)	greater-than above double-line equal above less-than
02A8D			↯	↯		↯			<code>\lsime</code>	less-than above similar or equal
02A8E			↯	↯		↯			<code>\gsime</code>	greater-than above similar or equal
02A8F		↯	↯	↯		↯	↯		<code>\lsimg</code>	less-than above similar above greater-than
02A90		↯	↯	↯		↯	↯		<code>\gsiml</code>	greater-than above similar above less-than
02A91		↯	↯	↯		↯	↯		<code>\lgE</code>	less-than above greater-than above double-line equal
02A92		↯	↯	↯		↯	↯		<code>\glE</code>	greater-than above less-than above double-line equal
02A93		↯	↯	↯		↯	↯		<code>\lesges</code>	less-than above slanted equal above greater-than above slanted equal
02A94		↯	↯	↯		↯	↯		<code>\gesles</code>	greater-than above slanted equal above less-than above slanted equal
02A95	↯	↯		↯		↯	↯		<code>\eqslantless</code> ^(a)	slanted equal to or less-than
02A96	↯	↯		↯		↯	↯		<code>\eqslantgtr</code> ^(a)	slanted equal to or greater-than
02A97		↯		↯		↯			<code>\elsdot</code>	slanted equal to or less-than with dot inside
02A98		↯		↯		↯			<code>\egsdot</code>	slanted equal to or greater-than with dot inside
02A99		↯	↯	↯		↯	↯		<code>\eqqless</code>	double-line equal to or less-than
02A9A		↯	↯	↯		↯	↯		<code>\eqqgtr</code>	double-line equal to or greater-than
02A9B		↯	↯	↯		↯	↯		<code>\eqqslantless</code>	double-line slanted equal to or less-than
02A9C		↯	↯	↯		↯	↯		<code>\eqqslantgtr</code>	double-line slanted equal to or greater-than
02A9D		↯	↯	↯		↯	↯		<code>\simless</code>	similar or less-than
02A9E		↯	↯	↯		↯	↯		<code>\simgtr</code>	similar or greater-than
02A9F		↯	↯	↯		↯	↯		<code>\simlE</code>	similar above less-than above equals sign
02AA0		↯	↯	↯		↯	↯		<code>\simgE</code>	similar above greater-than above equals sign
02AA1		↯		↯		↯			<code>\Lt</code>	double nested less-than
02AA2		↯		↯		↯			<code>\Gt</code>	double nested greater-than
02AA3		↯		↯		↯			<code>\partialmeetcontraction</code>	double less-than with underbar
02AA4		↯		↯		↯			<code>\glj</code>	greater-than overlapping less-than
02AA5		↯		↯		↯			<code>\gla</code>	greater-than beside less-than
02AA6		↯		↯		↯			<code>\ltcc</code>	less-than closed by curve
02AA7		↯		↯		↯			<code>\gtcc</code>	greater-than closed by curve
02AA8		↯		↯		↯			<code>\lescc</code>	less-than closed by curve above slanted equal
02AA9		↯		↯		↯			<code>\gescc</code>	greater-than closed by curve above slanted equal
02AAA		↯		↯		↯			<code>\smt</code>	smaller than

USV	M	X	C	L	D	A	P	E	Macro	Description
02AAB		➤		➤		➤			\lat	larger than
02AAC		⩵		⩵		⩵			\smte	smaller than or equal to
02AAD		⩶		⩶		⩶			\late	larger than or equal to
02AAE		⩷		⩷		⩷			\bumpeq	equals sign with bumpy above
02AAF	⩹	⩸		⩸		⩸	⩹		\preceq ^(p)	precedes above single-line equals sign
02AB0	⩺	⩹		⩹		⩹	⩺		\succeq ^(p)	succeeds above single-line equals sign
02AB1		⩻		⩻		⩻			\precneq	precedes above single-line not equal to
02AB2		⩼		⩼		⩼			\succneq	succeeds above single-line not equal to
02AB3		⩽		⩽		⩽			\preceqq	precedes above equals sign
02AB4		⩾		⩾		⩾			\succeqq	succeeds above equals sign
02AB5	⩿	⩿		⩿		⩿			\precneqq ^(a)	precedes above not equal to
02AB6	⪀	⪀		⪀		⪀			\succneqq ^(a)	succeeds above not equal to
02AB7	⪁	⪁		⪁	⪁	⪁			\precapprox ^(a)	precedes above almost equal to
02AB8	⪂	⪂		⪂	⪂	⪂			\succapprox ^(a)	succeeds above almost equal to
02AB9	⪃	⪃		⪃		⪃			\precnapprox ^(a)	precedes above not almost equal to
02ABA	⪄	⪄		⪄		⪄			\succnapprox ^(a)	succeeds above not almost equal to
02ABB		⪅		⪅		⪅			\Prec	double precedes
02ABC		⪆		⪆		⪆			\Succ	double succeeds
02ABD		⪇		⪇		⪇			\subsetdot	subset with dot
02ABE		⪈		⪈		⪈			\supsetdot	superset with dot
02ABF		⪉		⪉		⪉			\subsetplus	subset with plus sign below
02AC0		⪊		⪊		⪊			\supsetplus	superset with plus sign below
02AC1		⪋		⪋		⪋			\subsetmult	subset with multiplication sign below
02AC2		⪌		⪌		⪌			\supmult	superset with multiplication sign below
02AC3		⪍		⪍		⪍			\subedot	subset of or equal to with dot above
02AC4		⪎		⪎		⪎			\supedot	superset of or equal to with dot above
02AC5	⪏	⪏		⪏		⪏			\subseteqq ^(a)	subset of above equals sign
02AC6	⪐	⪐		⪐		⪐			\supseteqq ^(a)	superset of above equals sign
02AC7		⪑		⪑		⪑			\subset sim	subset of above tilde operator
02AC8		⪒		⪒		⪒			\sup sim	superset of above tilde operator
02AC9		⪓		⪓		⪓			\subsetapprox	subset of above almost equal to
02ACA		⪔		⪔		⪔			\supsetapprox	superset of above almost equal to
02ACB	⪕	⪕		⪕		⪕			\subsetsetneqq ^(a)	subset of above not equal to
02ACC	⪖	⪖		⪖		⪖			\supsetsetneqq ^(a)	superset of above not equal to
02ACD		⪗		⪗		⪗			\lsqhook	square left open box operator
02ACE		⪘		⪘		⪘			\rsqhook	square right open box operator
02ACF		⪙		⪙		⪙			\csub	closed subset
02AD0		⪚		⪚		⪚			\csup	closed superset
02AD1		⪛		⪛		⪛			\csube	closed subset or equal to
02AD2		⪜		⪜		⪜			\csupe	closed superset or equal to
02AD3		⪝		⪝		⪝			\subset sup	subset above superset
02AD4		⪞		⪞		⪞			\sup sub	superset above subset
02AD5		⪟		⪟		⪟			\subset sub	subset above subset
02AD6		⪠		⪠		⪠			\sup sup	superset above superset
02AD7		⪡		⪡		⪡			\sup hsub	superset beside subset
02AD8		⪢		⪢		⪢			\sup dsub	superset beside and joined by dash with subset
02AD9		⪣		⪣		⪣			\forkv	element of opening downwards
02ADA		⪤		⪤		⪤			\topfork	pitchfork with tee top
02ADB		⪥		⪥		⪥			\mlcp	transversal intersection

USV	M	X	C	L	D	A	P	E	Macro	Description
02ADC									<code>\forks</code>	forking
02ADD									<code>\forksnot</code>	nonforking
02ADE									<code>\shortlefttack</code>	short left tack
02ADF									<code>\shortdowntack</code>	short down tack
02AEO									<code>\shortuptack</code>	short up tack
02AE2									<code>\vDdash</code>	vertical bar triple right turnstile
02AE3									<code>\dashV</code>	double vertical bar left turnstile
02AE4									<code>\Dashv</code>	vertical bar double left turnstile
02AE5									<code>\DashV</code>	double vertical bar double left turnstile
02AE6									<code>\varVdash</code>	long dash from left member of double vertical
02AE7									<code>\Barv</code>	short down tack with overbar
02AE8									<code>\vBar</code>	short up tack with underbar
02AE9									<code>\vBarv</code>	short up tack above short down tack
02AEA									<code>\barV</code>	double down tack
02AEB									<code>\Vbar</code>	double up tack
02AEC									<code>\Not</code>	double stroke not sign
02AED									<code>\bNot</code>	reversed double stroke not sign
02AEE									<code>\revnmid</code>	does not divide with reversed negation slash
02AEF									<code>\cirmid</code>	vertical line with circle above
02AFO									<code>\midcir</code>	vertical line with circle below
02AF2									<code>\nhpar</code>	parallel with horizontal stroke
02AF3									<code>\parsim</code>	parallel with tilde operator
02AF7									<code>\lllnest</code>	stacked very much less-than
02AF8									<code>\gggnest</code>	stacked very much greater-than
02AF9									<code>\leqqslant</code>	double-line slanted less-than or equal to
02AFA									<code>\geqqslant</code>	double-line slanted greater-than or equal to
02B30									<code>\circleonleftarrow</code>	left arrow with small circle
02B31									<code>\leftthreearrows</code>	three leftwards arrows
02B32									<code>\leftarrowonoplus</code>	left arrow with circled plus
02B33									<code>\longleftsquigarrow</code>	long leftwards squiggle arrow
02B34									<code>\nvtwoheadleftarrow</code>	leftwards two-headed arrow with vertical stroke
02B35									<code>\nVtwoheadleftarrow</code>	leftwards two-headed arrow with double vertical stroke
02B36									<code>\twoheadmapsfrom</code>	leftwards two-headed arrow from bar
02B37									<code>\twoheadleftdbkarrow</code>	leftwards two-headed triple-dash arrow
02B38									<code>\leftdotarrow</code>	leftwards arrow with dotted stem
02B39									<code>\nvleftarrowtail</code>	leftwards arrow with tail with vertical stroke
02B3A									<code>\nVleftarrowtail</code>	leftwards arrow with tail with double vertical stroke
02B3B									<code>\twoheadleftarrowtail</code>	leftwards two-headed arrow with tail
02B3C									<code>\nvtwoheadleftarrowtail</code>	leftwards two-headed arrow with tail with vertical stroke
02B3D									<code>\nVtwoheadleftarrowtail</code>	leftwards two-headed arrow with tail with double vertical stroke
02B3E									<code>\leftarrowx</code>	leftwards arrow through x
02B3F									<code>\leftcurvedarrow</code>	wave arrow pointing directly left
02B40									<code>\equalleftarrow</code>	equals sign above leftwards arrow
02B41									<code>\bsimilarleftarrow</code>	reverse tilde operator above leftwards arrow
02B42									<code>\leftarrowbackapprox</code>	leftwards arrow above reverse almost equal to
02B43									<code>\rightarrowwgttr</code>	rightwards arrow through less-than
02B44									<code>\rightarrowarrowssupset</code>	rightwards arrow through subset
02B45									<code>\LLeftarrow</code>	leftwards quadruple arrow
02B46									<code>\RRrightarrow</code>	rightwards quadruple arrow

USV	M	X	C	L	D	A	P	E	Macro	Description
02B47									<code>\bsimilarrrightarrow</code>	reverse tilde operator above rightwards arrow
02B48									<code>\rightarrowbackapprox</code>	rightwards arrow above reverse almost equal to
02B49									<code>\similarleftarrow</code>	tilde operator above leftwards arrow
02B4A									<code>\leftarrowapprox</code>	leftwards arrow above almost equal to
02B4B									<code>\leftarrowbsimilar</code>	leftwards arrow above reverse tilde operator
02B4C									<code>\rightarrowbsimilar</code>	righttwards arrow above reverse tilde operator

13 Alphabetical symbols, \mathalpha

13.1 Normal weight

13.1.1 Upright Greek, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
00391	Α	Α	Α	Α	Α	Α	Α	Α	\upAlpha	capital alpha, greek
00392	Β	Β	Β	Β	Β	Β	Β	Β	\upBeta	capital beta, greek
00393	Γ	Γ	Γ	Γ	Γ	Γ	Γ	Γ	\upGamma	capital gamma, greek
00394	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	\upDelta	capital delta, greek
00395	Ε	Ε	Ε	Ε	Ε	Ε	Ε	Ε	\upEpsilon	capital epsilon, greek
00396	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	\upZeta	capital zeta, greek
00397	Η	Η	Η	Η	Η	Η	Η	Η	\upEta	capital eta, greek
00398	Θ	Θ	Θ	Θ	Θ	Θ	Θ	Θ	\upTheta	capital theta, greek
00399	Ι	Ι	Ι	Ι	Ι	Ι	Ι	Ι	\upIota	capital iota, greek
0039A	Κ	Κ	Κ	Κ	Κ	Κ	Κ	Κ	\upKappa	capital kappa, greek
0039B	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	\upLambda	capital lambda, greek
0039C	Μ	Μ	Μ	Μ	Μ	Μ	Μ	Μ	\upMu	capital mu, greek
0039D	Ν	Ν	Ν	Ν	Ν	Ν	Ν	Ν	\upNu	capital nu, greek
0039E	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	\upXi	capital xi, greek
0039F	Ο	Ο	Ο	Ο	Ο	Ο	Ο	Ο	\upOmicron	capital omicron, greek
003A0	Π	Π	Π	Π	Π	Π	Π	Π	\upPi	capital pi, greek
003A1	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	\upRho	capital rho, greek
003A3	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	\upSigma	capital sigma, greek
003A4	Τ	Τ	Τ	Τ	Τ	Τ	Τ	Τ	\upTau	capital tau, greek
003A5	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	\upUpsilon	capital upsilon, greek
003A6	Φ	Φ	Φ	Φ	Φ	Φ	Φ	Φ	\upPhi	capital phi, greek
003A7	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	\upChi	capital chi, greek
003A8	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	\upPsi	capital psi, greek
003A9	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	\upOmega	capital omega, greek

13.1.2 Upright Greek, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
003B1	α	α	α	α	α	α	α	α	\upalpha	small alpha, greek
003B2	β	β	β	β	β	β	β	β	\upbeta	small beta, greek
003B3	γ	γ	γ	γ	γ	γ	γ	γ	\upgamma	small gamma, greek
003B4	δ	δ	δ	δ	δ	δ	δ	δ	\updelta	small delta, greek
003B5	ε	ε	ε	ε	ε	ε	ε	ε	\upepsilon	rounded small epsilon, greek
003B6	ζ	ζ	ζ	ζ	ζ	ζ	ζ	ζ	\upzeta	small zeta, greek
003B7	η	η	η	η	η	η	η	η	\upeta	small eta, greek
003B8	θ	θ	θ	θ	θ	θ	θ	θ	\uptheta	straight theta, small theta, greek
003B9	ι	ι	ι	ι	ι	ι	ι	ι	\upiota	small iota, greek
003BA	κ	κ	κ	κ	κ	κ	κ	κ	\upkappa	small kappa, greek
003BB	λ	λ	λ	λ	λ	λ	λ	λ	\uplambda	small lambda, greek
003BC	μ	μ	μ	μ	μ	μ	μ	μ	\upmu	small mu, greek
003BD	ν	ν	ν	ν	ν	ν	ν	ν	\upnu	small nu, greek

USV	M	X	C	L	D	A	P	E	Macro	Description
003BE	ξ	ξ	ξ	ξ	ξ	ξ	ξ	ξ	\upxi	small xi, greek
003BF	ο	ο	ο	ο	ο	ο	ο	ο	\upomicron	small omicron, greek
003C0	π	π	π	π	π	π	π	π	\uppi	small pi, greek
003C1	ρ	ρ	ρ	ρ	ρ	ρ	ρ	ρ	\uprho	small rho, greek
003C2	ς	ς	ς	ς	ς	ς	ς	ς	\upvarsigma	terminal sigma, greek
003C3	σ	σ	σ	σ	σ	σ	σ	σ	\upsigma	small sigma, greek
003C4	τ	τ	τ	τ	τ	τ	τ	τ	\uptau	small tau, greek
003C5	υ	υ	υ	υ	υ	υ	υ	υ	\upupsilon	small upsilon, greek
003C6	φ	φ	φ	φ	φ	φ	φ	φ	\upvarphi	curly or open small phi, greek
003C7	χ	χ	χ	χ	χ	χ	χ	χ	\upchi	small chi, greek
003C8	ψ	ψ	ψ	ψ	ψ	ψ	ψ	ψ	\uppsi	small psi, greek
003C9	ω	ω	ω	ω	ω	ω	ω	ω	\upomega	small omega, greek
003D0	β	β	β	β	β	β	β	β	\upvarbeta	rounded small beta, greek
003D1	θ	θ	θ	θ	θ	θ	θ	θ	\upvartheta	/vartheta - curly or open theta
003D5	φ	φ	φ	φ	φ	φ	φ	φ	\upphi	/straightphi - small phi, greek
003D6	ω	ω	ω	ω	ω	ω	ω	ω	\upvarpi	rounded small pi (pomega), greek
003DA	ς	ς	ς	ς	ς	ς	ς	ς	\upStigma	capital stigma
003DB	ς	ς	ς	ς	ς	ς	ς	ς	\upstigma	greek small letter stigma
003DC	Ϝ	Ϝ	Ϝ	Ϝ	Ϝ	Ϝ	Ϝ	Ϝ	\upDigamma	capital digamma
003DD	ϝ	ϝ	ϝ	ϝ	ϝ	ϝ	ϝ	ϝ	\updigamma	old greek small letter digamma
003DE	Ϟ	Ϟ	Ϟ	Ϟ	Ϟ	Ϟ	Ϟ	Ϟ	\upKoppa	capital koppa
003DF	ϟ	ϟ	ϟ	ϟ	ϟ	ϟ	ϟ	ϟ	\upkoppa	greek small letter koppa
003E0	Ϡ	Ϡ	Ϡ	Ϡ	Ϡ	Ϡ	Ϡ	Ϡ	\upSampi	capital sampi
003E1	ϡ	ϡ	ϡ	ϡ	ϡ	ϡ	ϡ	ϡ	\upsampi	greek small letter sampi
003F0	ϣ	ϣ	ϣ	ϣ	ϣ	ϣ	ϣ	ϣ	\upvarkappa	rounded small kappa, greek
003F1	ϥ	ϥ	ϥ	ϥ	ϥ	ϥ	ϥ	ϥ	\upvarrho	rounded small rho, greek
003F4	Θ	Θ	Θ	Θ	Θ	Θ	Θ	Θ	\upvarTheta	greek capital theta symbol
003F5	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	\upvarepsilon	greek lunate epsilon symbol

13.1.3 Italic, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D434	A	A	A	A	A	A	A	A	\mitA	mathematical italic capital a
1D435	B	B	B	B	B	B	B	B	\mitB	mathematical italic capital b
1D436	C	C	C	C	C	C	C	C	\mitC	mathematical italic capital c
1D437	D	D	D	D	D	D	D	D	\mitD	mathematical italic capital d
1D438	E	E	E	E	E	E	E	E	\mitE	mathematical italic capital e
1D439	F	F	F	F	F	F	F	F	\mitF	mathematical italic capital f
1D43A	G	G	G	G	G	G	G	G	\mitG	mathematical italic capital g
1D43B	H	H	H	H	H	H	H	H	\mitH	mathematical italic capital h
1D43C	I	I	I	I	I	I	I	I	\mitI	mathematical italic capital i
1D43D	J	J	J	J	J	J	J	J	\mitJ	mathematical italic capital j
1D43E	K	K	K	K	K	K	K	K	\mitK	mathematical italic capital k
1D43F	L	L	L	L	L	L	L	L	\mitL	mathematical italic capital l
1D440	M	M	M	M	M	M	M	M	\mitM	mathematical italic capital m
1D441	N	N	N	N	N	N	N	N	\mitN	mathematical italic capital n
1D442	O	O	O	O	O	O	O	O	\mitO	mathematical italic capital o

USV	M	X	C	L	D	A	P	E	Macro	Description
1D443	P	P	P	P	P	P	P		\mitP	mathematical italic capital p
1D444	Q	Q	Q	Q	Q	Q	Q		\mitQ	mathematical italic capital q
1D445	R	R	R	R	R	R	R		\mitR	mathematical italic capital r
1D446	S	S	S	S	S	S	S		\mitS	mathematical italic capital s
1D447	T	T	T	T	T	T	T		\mitT	mathematical italic capital t
1D448	U	U	U	U	U	U	U		\mitU	mathematical italic capital u
1D449	V	V	V	V	V	V	V		\mitV	mathematical italic capital v
1D44A	W	W	W	W	W	W	W		\mitW	mathematical italic capital w
1D44B	X	X	X	X	X	X	X		\mitX	mathematical italic capital x
1D44C	Y	Y	Y	Y	Y	Y	Y		\mitY	mathematical italic capital y
1D44D	Z	Z	Z	Z	Z	Z	Z		\mitZ	mathematical italic capital z

13.1.4 Italic, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D44E	a	a	a	a	a	a	a		\mita	mathematical italic small a
1D44F	b	b	b	b	b	b	b		\mitb	mathematical italic small b
1D450	c	c	c	c	c	c	c		\mitc	mathematical italic small c
1D451	d	d	d	d	d	d	d		\mitd	mathematical italic small d
1D452	e	e	e	e	e	e	e		\mite	mathematical italic small e
1D453	f	f	f	f	f	f	f		\mitf	mathematical italic small f
1D454	g	g	g	g	g	g	g		\mitg	mathematical italic small g
1D456	i	i	i	i	i	i	i		\miti	mathematical italic small i
1D457	j	j	j	j	j	j	j		\mitj	mathematical italic small j
1D458	k	k	k	k	k	k	k		\mitk	mathematical italic small k
1D459	l	l	l	l	l	l	l		\mitl	mathematical italic small l
1D45A	m	m	m	m	m	m	m		\mitm	mathematical italic small m
1D45B	n	n	n	n	n	n	n		\mitn	mathematical italic small n
1D45C	o	o	o	o	o	o	o		\mito	mathematical italic small o
1D45D	p	p	p	p	p	p	p		\mitp	mathematical italic small p
1D45E	q	q	q	q	q	q	q		\mitq	mathematical italic small q
1D45F	r	r	r	r	r	r	r		\mitr	mathematical italic small r
1D460	s	s	s	s	s	s	s		\mits	mathematical italic small s
1D461	t	t	t	t	t	t	t		\mitt	mathematical italic small t
1D462	u	u	u	u	u	u	u		\mitu	mathematical italic small u
1D463	v	v	v	v	v	v	v		\mitv	mathematical italic small v
1D464	w	w	w	w	w	w	w		\mitw	mathematical italic small w
1D465	x	x	x	x	x	x	x		\mitx	mathematical italic small x
1D466	y	y	y	y	y	y	y		\mity	mathematical italic small y
1D467	z	z	z	z	z	z	z		\mitz	mathematical italic small z

13.1.5 Italic Greek, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6E2	Α	Α	Α	Α	Α	Α	Α		\mitAlpha	mathematical italic capital alpha

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6E3	Β	Β	Β	Β	Β	Β	Β		\mitBeta	mathematical italic capital beta
1D6E4	Γ	Γ	Γ	Γ	Γ	Γ	Γ		\mitGamma	mathematical italic capital gamma
1D6E5	Δ	Δ	Δ	Δ	Δ	Δ	Δ		\mitDelta	mathematical italic capital delta
1D6E6	Ε	Ε	Ε	Ε	Ε	Ε	Ε		\mitEpsilon	mathematical italic capital epsilon
1D6E7	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ		\mitZeta	mathematical italic capital zeta
1D6E8	Η	Η	Η	Η	Η	Η	Η		\mitEta	mathematical italic capital eta
1D6E9	Θ	Θ	Θ	Θ	Θ	Θ	Θ		\mitTheta	mathematical italic capital theta
1D6EA	Ι	Ι	Ι	Ι	Ι	Ι	Ι		\mitIota	mathematical italic capital iota
1D6EB	Κ	Κ	Κ	Κ	Κ	Κ	Κ		\mitKappa	mathematical italic capital kappa
1D6EC	Λ	Λ	Λ	Λ	Λ	Λ	Λ		\mitLambda	mathematical italic capital lambda
1D6ED	Μ	Μ	Μ	Μ	Μ	Μ	Μ		\mitMu	mathematical italic capital mu
1D6EE	Ν	Ν	Ν	Ν	Ν	Ν	Ν		\mitNu	mathematical italic capital nu
1D6EF	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ		\mitXi	mathematical italic capital xi
1D6F0	Ο	Ο	Ο	Ο	Ο	Ο	Ο		\mitOmicron	mathematical italic capital omicron
1D6F1	Π	Π	Π	Π	Π	Π	Π		\mitPi	mathematical italic capital pi
1D6F2	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ		\mitRho	mathematical italic capital rho
1D6F3		Θ	Θ				Θ	Θ	\mitvarTheta	mathematical italic capital theta symbol
1D6F4	Σ	Σ	Σ	Σ	Σ	Σ	Σ		\mitSigma	mathematical italic capital sigma
1D6F5	Τ	Τ	Τ	Τ	Τ	Τ	Τ		\mitTau	mathematical italic capital tau
1D6F6	Υ	Υ	Υ	Υ	Υ	Υ	Υ		\mitUpsilon	mathematical italic capital upsilon
1D6F7	Φ	Φ	Φ	Φ	Φ	Φ	Φ		\mitPhi	mathematical italic capital phi
1D6F8	Χ	Χ	Χ	Χ	Χ	Χ	Χ		\mitChi	mathematical italic capital chi
1D6F9	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ		\mitPsi	mathematical italic capital psi
1D6FA	Ω	Ω	Ω	Ω	Ω	Ω	Ω		\mitOmega	mathematical italic capital omega

13.1.6 Italic Greek, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6FC	α	α	α	α	α	α	α		\mitalpha	mathematical italic small alpha
1D6FD	β	β	β	β	β	β	β		\mitbeta	mathematical italic small beta
1D6FE	γ	γ	γ	γ	γ	γ	γ		\mitgamma	mathematical italic small gamma
1D6FF	δ	δ	δ	δ	δ	δ	δ		\mitdelta	mathematical italic small delta
1D700	ε	ε	ε	ε	ε	ε	ε		\mitepsilon	mathematical italic small epsilon
1D701	ζ	ζ	ζ	ζ	ζ	ζ	ζ		\mitzeta	mathematical italic small zeta
1D702	η	η	η	η	η	η	η		\miteta	mathematical italic small eta
1D703	θ	θ	θ	θ	θ	θ	θ		\mittheta	mathematical italic small theta
1D704	ι	ι	ι	ι	ι	ι	ι		\mitiota	mathematical italic small iota
1D705	κ	κ	κ	κ	κ	κ	κ		\mitkappa	mathematical italic small kappa
1D706	λ	λ	λ	λ	λ	λ	λ		\mitlambda	mathematical italic small lambda
1D707	μ	μ	μ	μ	μ	μ	μ		\mitmu	mathematical italic small mu
1D708	ν	ν	ν	ν	ν	ν	ν		\mitnu	mathematical italic small nu
1D709	ξ	ξ	ξ	ξ	ξ	ξ	ξ		\mitxi	mathematical italic small xi
1D70A	ο	ο	ο	ο	ο	ο	ο		\mitomicron	mathematical italic small omicron
1D70B	π	π	π	π	π	π	π		\mitpi	mathematical italic small pi
1D70C	ρ	ρ	ρ	ρ	ρ	ρ	ρ		\mitrho	mathematical italic small rho
1D70D	ς	ς	ς	ς	ς	ς	ς		\mitvarsigma	mathematical italic small final sigma
1D70E	σ	σ	σ	σ	σ	σ	σ		\mitsigma	mathematical italic small sigma

USV	M	X	C	L	D	A	P	E	Macro	Description
1D70F	τ	τ	τ	τ	τ	τ	τ		\mittau	mathematical italic small tau
1D710	υ	υ	υ	υ	υ	υ	υ		\mitupsilon	mathematical italic small upsilon
1D711	φ	φ	φ	φ	φ	φ	φ		\mitphi	mathematical italic small phi
1D712	χ	χ	χ	χ	χ	χ	χ		\mitchi	mathematical italic small chi
1D713	ψ	ψ	ψ	ψ	ψ	ψ	ψ		\mitpsi	mathematical italic small psi
1D714	ω	ω	ω	ω	ω	ω	ω		\mitomega	mathematical italic small omega
1D715	∂	∂	∂	∂	∂	∂	∂		\mitpartial	mathematical italic partial differential
1D716	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ		\mitvarepsilon	mathematical italic epsilon symbol
1D717	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ		\mitvartheta	mathematical italic theta symbol
1D718		κ	κ	κ	κ	κ			\mitvarkappa	mathematical italic kappa symbol
1D719	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ		\mitvarphi	mathematical italic phi symbol
1D71A	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ		\mitvarrho	mathematical italic rho symbol
1D71B	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ		\mitvarpi	mathematical italic pi symbol

13.1.7 Script, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D49C	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mscrA	mathematical script capital a
1D49E	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mscrC	mathematical script capital c
1D49F	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mscrD	mathematical script capital d
1D4A2	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mscrG	mathematical script capital g
1D4A5	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mscrJ	mathematical script capital j
1D4A6	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mscrK	mathematical script capital k
1D4A9	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mscrN	mathematical script capital n
1D4AA	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mscrO	mathematical script capital o
1D4AB	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mscrP	mathematical script capital p
1D4AC	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mathcal{Q}	\mscrQ	mathematical script capital q
1D4AE	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mathcal{S}	\mscrS	mathematical script capital s
1D4AF	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mathcal{T}	\mscrT	mathematical script capital t
1D4B0	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mathcal{U}	\mscrU	mathematical script capital u
1D4B1	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mathcal{V}	\mscrV	mathematical script capital v
1D4B2	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mathcal{W}	\mscrW	mathematical script capital w
1D4B3	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mathcal{X}	\mscrX	mathematical script capital x
1D4B4	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mathcal{Y}	\mscrY	mathematical script capital y
1D4B5	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mathcal{Z}	\mscrZ	mathematical script capital z

13.1.8 Script, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D4B6		\mathfrak{a}	\mathfrak{a}	\mathfrak{a}		\mathfrak{a}	\mathfrak{a}		\mscra	mathematical script small a
1D4B7		\mathfrak{b}	\mathfrak{b}	\mathfrak{b}		\mathfrak{b}	\mathfrak{b}		\mscrb	mathematical script small b
1D4B8		\mathfrak{c}	\mathfrak{c}	\mathfrak{c}		\mathfrak{c}	\mathfrak{c}		\mscrc	mathematical script small c
1D4B9		\mathfrak{d}	\mathfrak{d}	\mathfrak{d}		\mathfrak{d}	\mathfrak{d}		\mscrd	mathematical script small d
1D4BB		\mathfrak{f}	\mathfrak{f}	\mathfrak{f}		\mathfrak{f}	\mathfrak{f}		\mscrf	mathematical script small f

USV	M	X	C	L	D	A	P	E	Macro	Description
1D4BD		<i>h</i>	<i>h</i>	<i>h</i>		<i>h</i>	<i>h</i>		<code>\mscrh</code>	mathematical script small h
1D4BE		<i>i</i>	<i>i</i>	<i>i</i>		<i>i</i>	<i>i</i>		<code>\mscri</code>	mathematical script small i
1D4BF		<i>j</i>	<i>j</i>	<i>j</i>		<i>j</i>	<i>j</i>		<code>\mscrj</code>	mathematical script small j
1D4CO		<i>k</i>	<i>k</i>	<i>k</i>		<i>k</i>	<i>k</i>		<code>\mscrk</code>	mathematical script small k
1D4C1		<i>l</i>	<i>l</i>	<i>l</i>		<i>l</i>	<i>l</i>		<code>\mscr1</code>	mathematical script small l
1D4C2		<i>m</i>	<i>m</i>	<i>m</i>		<i>m</i>	<i>m</i>		<code>\mscrm</code>	mathematical script small m
1D4C3		<i>n</i>	<i>n</i>	<i>n</i>		<i>n</i>	<i>n</i>		<code>\mscrn</code>	mathematical script small n
1D4C5		<i>p</i>	<i>p</i>	<i>p</i>		<i>p</i>	<i>p</i>		<code>\mscrp</code>	mathematical script small p
1D4C6		<i>q</i>	<i>q</i>	<i>q</i>		<i>q</i>	<i>q</i>		<code>\mscrq</code>	mathematical script small q
1D4C7		<i>r</i>	<i>r</i>	<i>r</i>		<i>r</i>	<i>r</i>		<code>\mscrr</code>	mathematical script small r
1D4C8		<i>s</i>	<i>s</i>	<i>s</i>		<i>s</i>	<i>s</i>		<code>\mscrs</code>	mathematical script small s
1D4C9		<i>t</i>	<i>t</i>	<i>t</i>		<i>t</i>	<i>t</i>		<code>\mscrt</code>	mathematical script small t
1D4CA		<i>u</i>	<i>u</i>	<i>u</i>		<i>u</i>	<i>u</i>		<code>\mscru</code>	mathematical script small u
1D4CB		<i>v</i>	<i>v</i>	<i>v</i>		<i>v</i>	<i>v</i>		<code>\mscrv</code>	mathematical script small v
1D4CC		<i>w</i>	<i>w</i>	<i>w</i>		<i>w</i>	<i>w</i>		<code>\mscrw</code>	mathematical script small w
1D4CD		<i>x</i>	<i>x</i>	<i>x</i>		<i>x</i>	<i>x</i>		<code>\mscrx</code>	mathematical script small x
1D4CE		<i>y</i>	<i>y</i>	<i>y</i>		<i>y</i>	<i>y</i>		<code>\mscry</code>	mathematical script small y
1D4CF		<i>z</i>	<i>z</i>	<i>z</i>		<i>z</i>	<i>z</i>		<code>\mscrz</code>	mathematical script small z

13.1.9 Fraktur, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D504	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>		<i>A</i>	<i>A</i>	<i>A</i>	<code>\mfrakA</code>	mathematical fraktur capital a
1D505	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>		<i>B</i>	<i>B</i>	<i>B</i>	<code>\mfrakB</code>	mathematical fraktur capital b
1D507	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<i>D</i>	<i>D</i>	<i>D</i>	<code>\mfrakD</code>	mathematical fraktur capital d
1D508	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		<i>E</i>	<i>E</i>	<i>E</i>	<code>\mfrakE</code>	mathematical fraktur capital e
1D509	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>		<i>F</i>	<i>F</i>	<i>F</i>	<code>\mfrakF</code>	mathematical fraktur capital f
1D50A	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>		<i>G</i>	<i>G</i>	<i>G</i>	<code>\mfrakG</code>	mathematical fraktur capital g
1D50D	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>		<i>J</i>	<i>J</i>	<i>J</i>	<code>\mfrakJ</code>	mathematical fraktur capital j
1D50E	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		<i>K</i>	<i>K</i>	<i>K</i>	<code>\mfrakK</code>	mathematical fraktur capital k
1D50F	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>		<i>L</i>	<i>L</i>	<i>L</i>	<code>\mfrakL</code>	mathematical fraktur capital l
1D510	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		<i>M</i>	<i>M</i>	<i>M</i>	<code>\mfrakM</code>	mathematical fraktur capital m
1D511	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>	<code>\mfrakN</code>	mathematical fraktur capital n
1D512	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		<i>O</i>	<i>O</i>	<i>O</i>	<code>\mfrakO</code>	mathematical fraktur capital o
1D513	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		<i>P</i>	<i>P</i>	<i>P</i>	<code>\mfrakP</code>	mathematical fraktur capital p
1D514	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		<i>Q</i>	<i>Q</i>	<i>Q</i>	<code>\mfrakQ</code>	mathematical fraktur capital q
1D516	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		<i>S</i>	<i>S</i>	<i>S</i>	<code>\mfrakS</code>	mathematical fraktur capital s
1D517	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<i>T</i>	<i>T</i>	<i>T</i>	<code>\mfrakT</code>	mathematical fraktur capital t
1D518	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<i>U</i>	<i>U</i>	<i>U</i>	<code>\mfrakU</code>	mathematical fraktur capital u
1D519	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<i>V</i>	<i>V</i>	<i>V</i>	<code>\mfrakV</code>	mathematical fraktur capital v
1D51A	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<i>W</i>	<i>W</i>	<i>W</i>	<code>\mfrakW</code>	mathematical fraktur capital w
1D51B	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<code>\mfrakX</code>	mathematical fraktur capital x
1D51C	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mfrakY</code>	mathematical fraktur capital y

13.1.10 Fraktur, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D51E	a	a	a	a		a	a	a	<code>\mfraka</code>	mathematical fraktur small a
1D51F	b	b	b	b		b	b	b	<code>\mfrakb</code>	mathematical fraktur small b
1D520	c	c	c	c		c	c	c	<code>\mfrakc</code>	mathematical fraktur small c
1D521	d	d	d	d		d	d	d	<code>\mfrakd</code>	mathematical fraktur small d
1D522	e	e	e	e		e	e	e	<code>\mfrake</code>	mathematical fraktur small e
1D523	f	f	f	f		f	f	f	<code>\mfrakf</code>	mathematical fraktur small f
1D524	g	g	g	g		g	g	g	<code>\mfrakg</code>	mathematical fraktur small g
1D525	h	h	h	h		h	h	h	<code>\mfrakh</code>	mathematical fraktur small h
1D526	i	i	i	i		i	i	i	<code>\mfraki</code>	mathematical fraktur small i
1D527	j	j	j	j		j	j	j	<code>\mfrakj</code>	mathematical fraktur small j
1D528	k	k	k	k		k	k	k	<code>\mfrakk</code>	mathematical fraktur small k
1D529	l	l	l	l		l	l	l	<code>\mfrakl</code>	mathematical fraktur small l
1D52A	m	m	m	m		m	m	m	<code>\mfrakm</code>	mathematical fraktur small m
1D52B	n	n	n	n		n	n	n	<code>\mfrakn</code>	mathematical fraktur small n
1D52C	o	o	o	o		o	o	o	<code>\mfrako</code>	mathematical fraktur small o
1D52D	p	p	p	p		p	p	p	<code>\mfrakp</code>	mathematical fraktur small p
1D52E	q	q	q	q		q	q	q	<code>\mfrakq</code>	mathematical fraktur small q
1D52F	r	r	r	r		r	r	r	<code>\mfrakr</code>	mathematical fraktur small r
1D530	s	s	s	s		s	s	s	<code>\mfraks</code>	mathematical fraktur small s
1D531	t	t	t	t		t	t	t	<code>\mfrakt</code>	mathematical fraktur small t
1D532	u	u	u	u		u	u	u	<code>\mfraku</code>	mathematical fraktur small u
1D533	v	v	v	v		v	v	v	<code>\mfrakv</code>	mathematical fraktur small v
1D534	w	w	w	w		w	w	w	<code>\mfrakw</code>	mathematical fraktur small w
1D535	x	x	x	x		x	x	x	<code>\mfrakx</code>	mathematical fraktur small x
1D536	y	y	y	y		y	y	y	<code>\mfraky</code>	mathematical fraktur small y
1D537	z	z	z	z		z	z	z	<code>\mfrakz</code>	mathematical fraktur small z

13.1.11 Blackboard, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D538	A	A	A	A	A	A	A		<code>\BbbA</code>	mathematical double-struck capital a
1D539	B	B	B	B	B	B	B		<code>\BbbB</code>	mathematical double-struck capital b
1D53B	D	D	D	D	D	D	D		<code>\BbbD</code>	mathematical double-struck capital d
1D53C	E	E	E	E	E	E	E		<code>\BbbE</code>	mathematical double-struck capital e
1D53D	F	F	F	F	F	F	F		<code>\BbbF</code>	mathematical double-struck capital f
1D53E	G	G	G	G	G	G	G		<code>\BbbG</code>	mathematical double-struck capital g
1D540	I	I	I	I	I	I	I		<code>\BbbI</code>	mathematical double-struck capital i
1D541	J	J	J	J	J	J	J		<code>\BbbJ</code>	mathematical double-struck capital j
1D542	K	K	K	K	K	K	K		<code>\BbbK</code>	mathematical double-struck capital k
1D543	L	L	L	L	L	L	L		<code>\BbbL</code>	mathematical double-struck capital l
1D544	M	M	M	M	M	M	M		<code>\BbbM</code>	mathematical double-struck capital m
1D546	O	O	O	O	O	O	O		<code>\BbbO</code>	mathematical double-struck capital o
1D54A	S	S	S	S	S	S	S		<code>\BbbS</code>	mathematical double-struck capital s
1D54B	T	T	T	T	T	T	T		<code>\BbbT</code>	mathematical double-struck capital t
1D54C	U	U	U	U	U	U	U		<code>\BbbU</code>	mathematical double-struck capital u

USV	M	X	C	L	D	A	P	E	Macro	Description
1D54D	V	V	V	V	V	V	V		\BbbV	mathematical double-struck capital v
1D54E	W	W	W	W	W	W	W		\BbbW	mathematical double-struck capital w
1D54F	X	X	X	X	X	X	X		\BbbX	mathematical double-struck capital x
1D550	Y	Y	Y	Y	Y	Y	Y		\BbbY	mathematical double-struck capital y

13.1.12 Blackboard, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D552	a	a	a			a	a		\Bbba	mathematical double-struck small a
1D553	b	b	b			b	b		\Bbbb	mathematical double-struck small b
1D554	c	c	c			c	c		\Bbbc	mathematical double-struck small c
1D555	d	d	d			d	d		\Bbbd	mathematical double-struck small d
1D556	e	e	e			e	e		\Bbbe	mathematical double-struck small e
1D557	f	f	f			f	f		\Bbbf	mathematical double-struck small f
1D558	g	g	g			g	g		\Bbbg	mathematical double-struck small g
1D559	h	h	h			h	h		\Bbbh	mathematical double-struck small h
1D55A	i	i	i			i	i		\Bbbi	mathematical double-struck small i
1D55B	j	j	j			j	j		\Bbbj	mathematical double-struck small j
1D55C	k	k	k	k	k	k	k		\Bbbk ^(a)	mathematical double-struck small k
1D55D	l	l	l			l	l		\BbbL	mathematical double-struck small l
1D55E	m	m	m			m	m		\Bbbm	mathematical double-struck small m
1D55F	n	n	n			n	n		\Bbbn	mathematical double-struck small n
1D560	o	o	o			o	o		\Bbbo	mathematical double-struck small o
1D561	p	p	p			p	p		\Bbbp	mathematical double-struck small p
1D562	q	q	q			q	q		\Bbbq	mathematical double-struck small q
1D563	r	r	r			r	r		\Bbbr	mathematical double-struck small r
1D564	s	s	s			s	s		\Bbbs	mathematical double-struck small s
1D565	t	t	t			t	t		\Bbbt	mathematical double-struck small t
1D566	u	u	u			u	u		\Bbbu	mathematical double-struck small u
1D567	v	v	v			v	v		\Bbbv	mathematical double-struck small v
1D568	w	w	w			w	w		\Bbbw	mathematical double-struck small w
1D569	x	x	x			x	x		\Bbbx	mathematical double-struck small x
1D56A	y	y	y			y	y		\Bbby	mathematical double-struck small y
1D56B	z	z	z			z	z		\Bbbz	mathematical double-struck small z

13.1.13 Sans serif, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5A0	A	A	A	A	A	A	A		\msansA	mathematical sans-serif capital a
1D5A1	B	B	B	B	B	B	B		\msansB	mathematical sans-serif capital b
1D5A2	C	C	C	C	C	C	C		\msansC	mathematical sans-serif capital c
1D5A3	D	D	D	D	D	D	D		\msansD	mathematical sans-serif capital d
1D5A4	E	E	E	E	E	E	E		\msansE	mathematical sans-serif capital e
1D5A5	F	F	F	F	F	F	F		\msansF	mathematical sans-serif capital f

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5A6	G	G	G	G	G	G	G		\msansG	mathematical sans-serif capital g
1D5A7	H	H	H	H	H	H	H		\msansH	mathematical sans-serif capital h
1D5A8	I	I	I	I	I	I	I		\msansI	mathematical sans-serif capital i
1D5A9	J	J	J	J	J	J	J		\msansJ	mathematical sans-serif capital j
1D5AA	K	K	K	K	K	K	K		\msansK	mathematical sans-serif capital k
1D5AB	L	L	L	L	L	L	L		\msansL	mathematical sans-serif capital l
1D5AC	M	M	M	M	M	M	M		\msansM	mathematical sans-serif capital m
1D5AD	N	N	N	N	N	N	N		\msansN	mathematical sans-serif capital n
1D5AE	O	O	O	O	O	O	O		\msansO	mathematical sans-serif capital o
1D5AF	P	P	P	P	P	P	P		\msansP	mathematical sans-serif capital p
1D5B0	Q	Q	Q	Q	Q	Q	Q		\msansQ	mathematical sans-serif capital q
1D5B1	R	R	R	R	R	R	R		\msansR	mathematical sans-serif capital r
1D5B2	S	S	S	S	S	S	S		\msansS	mathematical sans-serif capital s
1D5B3	T	T	T	T	T	T	T		\msansT	mathematical sans-serif capital t
1D5B4	U	U	U	U	U	U	U		\msansU	mathematical sans-serif capital u
1D5B5	V	V	V	V	V	V	V		\msansV	mathematical sans-serif capital v
1D5B6	W	W	W	W	W	W	W		\msansW	mathematical sans-serif capital w
1D5B7	X	X	X	X	X	X	X		\msansX	mathematical sans-serif capital x
1D5B8	Y	Y	Y	Y	Y	Y	Y		\msansY	mathematical sans-serif capital y
1D5B9	Z	Z	Z	Z	Z	Z	Z		\msansZ	mathematical sans-serif capital z

13.1.14 Sans serif, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5BA	a	a	a	a	a	a	a		\msansa	mathematical sans-serif small a
1D5BB	b	b	b	b	b	b	b		\msansb	mathematical sans-serif small b
1D5BC	c	c	c	c	c	c	c		\msansc	mathematical sans-serif small c
1D5BD	d	d	d	d	d	d	d		\msansd	mathematical sans-serif small d
1D5BE	e	e	e	e	e	e	e		\msanse	mathematical sans-serif small e
1D5BF	f	f	f	f	f	f	f		\msansf	mathematical sans-serif small f
1D5C0	g	g	g	g	g	g	g		\msansg	mathematical sans-serif small g
1D5C1	h	h	h	h	h	h	h		\msansh	mathematical sans-serif small h
1D5C2	i	i	i	i	i	i	i		\msansi	mathematical sans-serif small i
1D5C3	j	j	j	j	j	j	j		\msansj	mathematical sans-serif small j
1D5C4	k	k	k	k	k	k	k		\msansk	mathematical sans-serif small k
1D5C5	l	l	l	l	l	l	l		\msansl	mathematical sans-serif small l
1D5C6	m	m	m	m	m	m	m		\msansm	mathematical sans-serif small m
1D5C7	n	n	n	n	n	n	n		\msansn	mathematical sans-serif small n
1D5C8	o	o	o	o	o	o	o		\msanso	mathematical sans-serif small o
1D5C9	p	p	p	p	p	p	p		\msansp	mathematical sans-serif small p
1D5CA	q	q	q	q	q	q	q		\msansq	mathematical sans-serif small q
1D5CB	r	r	r	r	r	r	r		\msansr	mathematical sans-serif small r
1D5CC	s	s	s	s	s	s	s		\msanss	mathematical sans-serif small s
1D5CD	t	t	t	t	t	t	t		\msanst	mathematical sans-serif small t
1D5CE	u	u	u	u	u	u	u		\msansu	mathematical sans-serif small u
1D5CF	v	v	v	v	v	v	v		\msansv	mathematical sans-serif small v
1D5D0	w	w	w	w	w	w	w		\msansw	mathematical sans-serif small w

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5D1	x	x	x	x	x	x	x		\msansx	mathematical sans-serif small x
1D5D2	y	y	y	y	y	y	y		\msansy	mathematical sans-serif small y
1D5D3	z	z	z	z	z	z	z		\msansz	mathematical sans-serif small z

13.1.15 Italic sans serif, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D608	A	A	A	A	A	A	A		\mitsansA	mathematical sans-serif italic capital a
1D609	B	B	B	B	B	B	B		\mitsansB	mathematical sans-serif italic capital b
1D60A	C	C	C	C	C	C	C		\mitsansC	mathematical sans-serif italic capital c
1D60B	D	D	D	D	D	D	D		\mitsansD	mathematical sans-serif italic capital d
1D60C	E	E	E	E	E	E	E		\mitsansE	mathematical sans-serif italic capital e
1D60D	F	F	F	F	F	F	F		\mitsansF	mathematical sans-serif italic capital f
1D60E	G	G	G	G	G	G	G		\mitsansG	mathematical sans-serif italic capital g
1D60F	H	H	H	H	H	H	H		\mitsansH	mathematical sans-serif italic capital h
1D610	I	I	I	I	I	I	I		\mitsansI	mathematical sans-serif italic capital i
1D611	J	J	J	J	J	J	J		\mitsansJ	mathematical sans-serif italic capital j
1D612	K	K	K	K	K	K	K		\mitsansK	mathematical sans-serif italic capital k
1D613	L	L	L	L	L	L	L		\mitsansL	mathematical sans-serif italic capital l
1D614	M	M	M	M	M	M	M		\mitsansM	mathematical sans-serif italic capital m
1D615	N	N	N	N	N	N	N		\mitsansN	mathematical sans-serif italic capital n
1D616	O	O	O	O	O	O	O		\mitsansO	mathematical sans-serif italic capital o
1D617	P	P	P	P	P	P	P		\mitsansP	mathematical sans-serif italic capital p
1D618	Q	Q	Q	Q	Q	Q	Q		\mitsansQ	mathematical sans-serif italic capital q
1D619	R	R	R	R	R	R	R		\mitsansR	mathematical sans-serif italic capital r
1D61A	S	S	S	S	S	S	S		\mitsansS	mathematical sans-serif italic capital s
1D61B	T	T	T	T	T	T	T		\mitsansT	mathematical sans-serif italic capital t
1D61C	U	U	U	U	U	U	U		\mitsansU	mathematical sans-serif italic capital u
1D61D	V	V	V	V	V	V	V		\mitsansV	mathematical sans-serif italic capital v
1D61E	W	W	W	W	W	W	W		\mitsansW	mathematical sans-serif italic capital w
1D61F	X	X	X	X	X	X	X		\mitsansX	mathematical sans-serif italic capital x
1D620	Y	Y	Y	Y	Y	Y	Y		\mitsansY	mathematical sans-serif italic capital y
1D621	Z	Z	Z	Z	Z	Z	Z		\mitsansZ	mathematical sans-serif italic capital z

13.1.16 Italic sans serif, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D622	a	a	a	a	a	a	a		\mitsansa	mathematical sans-serif italic small a
1D623	b	b	b	b	b	b	b		\mitsansb	mathematical sans-serif italic small b
1D624	c	c	c	c	c	c	c		\mitsansc	mathematical sans-serif italic small c
1D625	d	d	d	d	d	d	d		\mitsansd	mathematical sans-serif italic small d
1D626	e	e	e	e	e	e	e		\mitsanse	mathematical sans-serif italic small e
1D627	f	f	f	f	f	f	f		\mitsansf	mathematical sans-serif italic small f
1D628	g	g	g	g	g	g	g		\mitsansg	mathematical sans-serif italic small g

USV	M	X	C	L	D	A	P	E	Macro	Description
1D629	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		\mitsansh	mathematical sans-serif italic small h
1D62A	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		\mitsansi	mathematical sans-serif italic small i
1D62B	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		\mitsansj	mathematical sans-serif italic small j
1D62C	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		\mitsansk	mathematical sans-serif italic small k
1D62D	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		\mitsansl	mathematical sans-serif italic small l
1D62E	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		\mitsansm	mathematical sans-serif italic small m
1D62F	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		\mitsansn	mathematical sans-serif italic small n
1D630	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		\mitsanso	mathematical sans-serif italic small o
1D631	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		\mitsansp	mathematical sans-serif italic small p
1D632	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		\mitsansq	mathematical sans-serif italic small q
1D633	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		\mitsansr	mathematical sans-serif italic small r
1D634	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		\mitsanss	mathematical sans-serif italic small s
1D635	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		\mitsanst	mathematical sans-serif italic small t
1D636	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		\mitsansu	mathematical sans-serif italic small u
1D637	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		\mitsansv	mathematical sans-serif italic small v
1D638	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		\mitsansw	mathematical sans-serif italic small w
1D639	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		\mitsansx	mathematical sans-serif italic small x
1D63A	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		\mitsansy	mathematical sans-serif italic small y
1D63B	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>		\mitsansz	mathematical sans-serif italic small z

13.1.17 Typewriter, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D670	A	A		A	A	A	A		\mttA	mathematical monospace capital a
1D671	B	B		B	B	B	B		\mttB	mathematical monospace capital b
1D672	C	C		C	C	C	C		\mttC	mathematical monospace capital c
1D673	D	D		D	D	D	D		\mttD	mathematical monospace capital d
1D674	E	E		E	E	E	E		\mttE	mathematical monospace capital e
1D675	F	F		F	F	F	F		\mttF	mathematical monospace capital f
1D676	G	G		G	G	G	G		\mttG	mathematical monospace capital g
1D677	H	H		H	H	H	H		\mttH	mathematical monospace capital h
1D678	I	I		I	I	I	I		\mttI	mathematical monospace capital i
1D679	J	J		J	J	J	J		\mttJ	mathematical monospace capital j
1D67A	K	K		K	K	K	K		\mttK	mathematical monospace capital k
1D67B	L	L		L	L	L	L		\mttL	mathematical monospace capital l
1D67C	M	M		M	M	M	M		\mttM	mathematical monospace capital m
1D67D	N	N		N	N	N	N		\mttN	mathematical monospace capital n
1D67E	O	O		O	O	O	O		\mttO	mathematical monospace capital o
1D67F	P	P		P	P	P	P		\mttP	mathematical monospace capital p
1D680	Q	Q		Q	Q	Q	Q		\mttQ	mathematical monospace capital q
1D681	R	R		R	R	R	R		\mttR	mathematical monospace capital r
1D682	S	S		S	S	S	S		\mttS	mathematical monospace capital s
1D683	T	T		T	T	T	T		\mttT	mathematical monospace capital t
1D684	U	U		U	U	U	U		\mttU	mathematical monospace capital u
1D685	V	V		V	V	V	V		\mttV	mathematical monospace capital v
1D686	W	W		W	W	W	W		\mttW	mathematical monospace capital w
1D687	X	X		X	X	X	X		\mttX	mathematical monospace capital x

USV	M	X	C	L	D	A	P	E	Macro	Description
1D688	Y	Y		Y	Y	Y	Y		\mttY	mathematical monospace capital y
1D689	Z	Z		Z	Z	Z	Z		\mttZ	mathematical monospace capital z

13.1.18 Typewriter, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D68A	a	a		a	a	a	a		\mtta	mathematical monospace small a
1D68B	b	b		b	b	b	b		\mttb	mathematical monospace small b
1D68C	c	c		c	c	c	c		\mttc	mathematical monospace small c
1D68D	d	d		d	d	d	d		\mttd	mathematical monospace small d
1D68E	e	e		e	e	e	e		\mtte	mathematical monospace small e
1D68F	f	f		f	f	f	f		\mttf	mathematical monospace small f
1D690	g	g		g	g	g	g		\mttg	mathematical monospace small g
1D691	h	h		h	h	h	h		\mtth	mathematical monospace small h
1D692	i	i		i	i	i	i		\mtti	mathematical monospace small i
1D693	j	j		j	j	j	j		\mttj	mathematical monospace small j
1D694	k	k		k	k	k	k		\mttk	mathematical monospace small k
1D695	l	l		l	l	l	l		\mttl	mathematical monospace small l
1D696	m	m		m	m	m	m		\mttm	mathematical monospace small m
1D697	n	n		n	n	n	n		\mttn	mathematical monospace small n
1D698	o	o		o	o	o	o		\mtto	mathematical monospace small o
1D699	p	p		p	p	p	p		\mttp	mathematical monospace small p
1D69A	q	q		q	q	q	q		\mttq	mathematical monospace small q
1D69B	r	r		r	r	r	r		\mttr	mathematical monospace small r
1D69C	s	s		s	s	s	s		\mtts	mathematical monospace small s
1D69D	t	t		t	t	t	t		\mttt	mathematical monospace small t
1D69E	u	u		u	u	u	u		\mttu	mathematical monospace small u
1D69F	v	v		v	v	v	v		\mttv	mathematical monospace small v
1D6A0	w	w		w	w	w	w		\mttw	mathematical monospace small w
1D6A1	x	x		x	x	x	x		\mttx	mathematical monospace small x
1D6A2	y	y		y	y	y	y		\mtty	mathematical monospace small y
1D6A3	z	z		z	z	z	z		\mttz	mathematical monospace small z

13.2 Bold

13.2.1 Bold, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D400	A	A	A	A	A	A	A	A	\mbfA	mathematical bold capital a
1D401	B	B	B	B	B	B	B	B	\mbfB	mathematical bold capital b
1D402	C	C	C	C	C	C	C	C	\mbfC	mathematical bold capital c
1D403	D	D	D	D	D	D	D	D	\mbfD	mathematical bold capital d
1D404	E	E	E	E	E	E	E	E	\mbfE	mathematical bold capital e
1D405	F	F	F	F	F	F	F	F	\mbfF	mathematical bold capital f
1D406	G	G	G	G	G	G	G	G	\mbfG	mathematical bold capital g

USV	M	X	C	L	D	A	P	E	Macro	Description
1D407	H	H	H	H	H	H	H	H	\mbfH	mathematical bold capital h
1D408	I	I	I	I	I	I	I	I	\mbfI	mathematical bold capital i
1D409	J	J	J	J	J	J	J	J	\mbfJ	mathematical bold capital j
1D40A	K	K	K	K	K	K	K	K	\mbfK	mathematical bold capital k
1D40B	L	L	L	L	L	L	L	L	\mbfL	mathematical bold capital l
1D40C	M	M	M	M	M	M	M	M	\mbfM	mathematical bold capital m
1D40D	N	N	N	N	N	N	N	N	\mbfN	mathematical bold capital n
1D40E	O	O	O	O	O	O	O	O	\mbfO	mathematical bold capital o
1D40F	P	P	P	P	P	P	P	P	\mbfP	mathematical bold capital p
1D410	Q	Q	Q	Q	Q	Q	Q	Q	\mbfQ	mathematical bold capital q
1D411	R	R	R	R	R	R	R	R	\mbfR	mathematical bold capital r
1D412	S	S	S	S	S	S	S	S	\mbfS	mathematical bold capital s
1D413	T	T	T	T	T	T	T	T	\mbfT	mathematical bold capital t
1D414	U	U	U	U	U	U	U	U	\mbfU	mathematical bold capital u
1D415	V	V	V	V	V	V	V	V	\mbfV	mathematical bold capital v
1D416	W	W	W	W	W	W	W	W	\mbfW	mathematical bold capital w
1D417	X	X	X	X	X	X	X	X	\mbfX	mathematical bold capital x
1D418	Y	Y	Y	Y	Y	Y	Y	Y	\mbfY	mathematical bold capital y
1D419	Z	Z	Z	Z	Z	Z	Z	Z	\mbfZ	mathematical bold capital z

13.2.2 Bold, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D41A	a	a	a	a	a	a	a	a	\mbfa	mathematical bold small a
1D41B	b	b	b	b	b	b	b	b	\mbfb	mathematical bold small b
1D41C	c	c	c	c	c	c	c	c	\mbfc	mathematical bold small c
1D41D	d	d	d	d	d	d	d	d	\mbfd	mathematical bold small d
1D41E	e	e	e	e	e	e	e	e	\mbfe	mathematical bold small e
1D41F	f	f	f	f	f	f	f	f	\mbff	mathematical bold small f
1D420	g	g	g	g	g	g	g	g	\mbfg	mathematical bold small g
1D421	h	h	h	h	h	h	h	h	\mbfh	mathematical bold small h
1D422	i	i	i	i	i	i	i	i	\mbfi	mathematical bold small i
1D423	j	j	j	j	j	j	j	j	\mbfj	mathematical bold small j
1D424	k	k	k	k	k	k	k	k	\mbfk	mathematical bold small k
1D425	l	l	l	l	l	l	l	l	\mbfl	mathematical bold small l
1D426	m	m	m	m	m	m	m	m	\mbfm	mathematical bold small m
1D427	n	n	n	n	n	n	n	n	\mbfn	mathematical bold small n
1D428	o	o	o	o	o	o	o	o	\mbfo	mathematical bold small o
1D429	p	p	p	p	p	p	p	p	\mbfp	mathematical bold small p
1D42A	q	q	q	q	q	q	q	q	\mbfq	mathematical bold small q
1D42B	r	r	r	r	r	r	r	r	\mbfr	mathematical bold small r
1D42C	s	s	s	s	s	s	s	s	\mbfs	mathematical bold small s
1D42D	t	t	t	t	t	t	t	t	\mbft	mathematical bold small t
1D42E	u	u	u	u	u	u	u	u	\mbfu	mathematical bold small u
1D42F	v	v	v	v	v	v	v	v	\mbfv	mathematical bold small v
1D430	w	w	w	w	w	w	w	w	\mbfw	mathematical bold small w
1D431	x	x	x	x	x	x	x	x	\mbfx	mathematical bold small x

USV	M	X	C	L	D	A	P	E	Macro	Description
1D432	ŷ	ẏ	ȳ	Ỳ	Ỳ	Ỳ	Ỳ	Ỳ	\mbfy	mathematical bold small y
1D433	Ẓ	Ẕ	Ț	Ȥ	Ȥ	Ȥ	Ȥ	Ȥ	\mbfz	mathematical bold small z

13.2.3 Bold Greek, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6A8	Α	Α	Α	Α	Α	Α	Α	Α	\mbfAlpha	mathematical bold capital alpha
1D6A9	Β	Β	Β	Β	Β	Β	Β	Β	\mbfBeta	mathematical bold capital beta
1D6AA	Γ	Γ	Γ	Γ	Γ	Γ	Γ	Γ	\mbfGamma	mathematical bold capital gamma
1D6AB	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	\mbfDelta	mathematical bold capital delta
1D6AC	Ε	Ε	Ε	Ε	Ε	Ε	Ε	Ε	\mbfEpsilon	mathematical bold capital epsilon
1D6AD	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	\mbfZeta	mathematical bold capital zeta
1D6AE	Η	Η	Η	Η	Η	Η	Η	Η	\mbfEta	mathematical bold capital eta
1D6AF	Θ	Θ	Θ	Θ	Θ	Θ	Θ	Θ	\mbfTheta	mathematical bold capital theta
1D6B0	Ι	Ι	Ι	Ι	Ι	Ι	Ι	Ι	\mbfIota	mathematical bold capital iota
1D6B1	Κ	Κ	Κ	Κ	Κ	Κ	Κ	Κ	\mbfKappa	mathematical bold capital kappa
1D6B2	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	\mbfLambda	mathematical bold capital lambda
1D6B3	Μ	Μ	Μ	Μ	Μ	Μ	Μ	Μ	\mbfMu	mathematical bold capital mu
1D6B4	Ν	Ν	Ν	Ν	Ν	Ν	Ν	Ν	\mbfNu	mathematical bold capital nu
1D6B5	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	\mbfXi	mathematical bold capital xi
1D6B6	Ο	Ο	Ο	Ο	Ο	Ο	Ο	Ο	\mbfOmicron	mathematical bold capital omicron
1D6B7	Π	Π	Π	Π	Π	Π	Π	Π	\mbfPi	mathematical bold capital pi
1D6B8	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	\mbfRho	mathematical bold capital rho
1D6B9		Θ	Θ			Θ	Θ		\mbfvarTheta	mathematical bold capital theta symbol
1D6BA	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	\mbfSigma	mathematical bold capital sigma
1D6BB	Τ	Τ	Τ	Τ	Τ	Τ	Τ	Τ	\mbfTau	mathematical bold capital tau
1D6BC	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	\mbfUpsilon	mathematical bold capital upsilon
1D6BD	Φ	Φ	Φ	Φ	Φ	Φ	Φ	Φ	\mbfPhi	mathematical bold capital phi
1D6BE	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	\mbfChi	mathematical bold capital chi
1D6BF	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	\mbfPsi	mathematical bold capital psi
1D6C0	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	\mbfOmega	mathematical bold capital omega

13.2.4 Bold Greek, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6C2	α	α	α	α	α	α	α	α	\mbfalpha	mathematical bold small alpha
1D6C3	β	β	β	β	β	β	β	β	\mbfbeta	mathematical bold small beta
1D6C4	γ	γ	γ	γ	γ	γ	γ	γ	\mbfgamma	mathematical bold small gamma
1D6C5	δ	δ	δ	δ	δ	δ	δ	δ	\mbfdelta	mathematical bold small delta
1D6C6	ε	ε	ε	ε	ε	ε	ε	ε	\mbfepsilon	mathematical bold small epsilon
1D6C7	ζ	ζ	ζ	ζ	ζ	ζ	ζ	ζ	\mbfzeta	mathematical bold small zeta
1D6C8	η	η	η	η	η	η	η	η	\mbfeta	mathematical bold small eta
1D6C9	θ	θ	θ	θ	θ	θ	θ	θ	\mbftheta	mathematical bold small theta
1D6CA	ι	ι	ι	ι	ι	ι	ι	ι	\mbfiota	mathematical bold small iota

USV	M	X	C	L	D	A	P	E	Macro	Description
1D6CB	κ	κ	κ	κ	κ	κ	κ	κ	\mbfkappa	mathematical bold small kappa
1D6CC	λ	λ	λ	λ	λ	λ	λ	λ	\mbflambda	mathematical bold small lambda
1D6CD	μ	μ	μ	μ	μ	μ	μ	μ	\mbfmu	mathematical bold small mu
1D6CE	ν	ν	ν	ν	ν	ν	ν	ν	\mbfnu	mathematical bold small nu
1D6CF	ξ	ξ	ξ	ξ	ξ	ξ	ξ	ξ	\mbfxi	mathematical bold small xi
1D6D0	ο	ο	ο	ο	ο	ο	ο	ο	\mbfomicron	mathematical bold small omicron
1D6D1	π	π	π	π	π	π	π	π	\mbfpi	mathematical bold small pi
1D6D2	ρ	ρ	ρ	ρ	ρ	ρ	ρ	ρ	\mbfrho	mathematical bold small rho
1D6D3	ς	ς	ς	ς	ς	ς	ς		\mbfvarsigma	mathematical bold small final sigma
1D6D4	σ	σ	σ	σ	σ	σ	σ	σ	\mbfsigma	mathematical bold small sigma
1D6D5	τ	τ	τ	τ	τ	τ	τ	τ	\mbftau	mathematical bold small tau
1D6D6	υ	υ	υ	υ	υ	υ	υ	υ	\mbfupsilon	mathematical bold small upsilon
1D6D7	φ	φ	φ	φ	φ	φ	φ	φ	\mbfvarphi	mathematical bold small phi
1D6D8	χ	χ	χ	χ	χ	χ	χ	χ	\mbfchi	mathematical bold small chi
1D6D9	ψ	ψ	ψ	ψ	ψ	ψ	ψ	ψ	\mbfpsi	mathematical bold small psi
1D6DA	ω	ω	ω	ω	ω	ω	ω	ω	\mbfomega	mathematical bold small omega
1D6DB	∂	∂	∂	∂	∂	∂	∂	∂	\mbfpartial	mathematical bold partial differential
1D6DC	ε	ε	ε	ε	ε	ε	ε	ε	\mbfvarepsilon	mathematical bold epsilon symbol
1D6DD	θ	θ	θ	θ	θ	θ	θ	θ	\mbfvartheta	mathematical bold theta symbol
1D6DE		κ	κ	κ	κ	κ			\mbfvarkappa	mathematical bold kappa symbol
1D6DF	φ	φ	φ	φ	φ	φ	φ	φ	\mbfphi	mathematical bold phi symbol
1D6E0	ρ	ρ	ρ	ρ	ρ	ρ	ρ		\mbfvarrho	mathematical bold rho symbol
1D6E1	π	π	π	π	π	π	π	π	\mbfvarpi	mathematical bold pi symbol

13.2.5 Bold italic, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D468	A	A	A	A	A	A	A		\mbfitA	mathematical bold italic capital a
1D469	B	B	B	B	B	B	B		\mbfitB	mathematical bold italic capital b
1D46A	C	C	C	C	C	C	C		\mbfitC	mathematical bold italic capital c
1D46B	D	D	D	D	D	D	D		\mbfitD	mathematical bold italic capital d
1D46C	E	E	E	E	E	E	E		\mbfitE	mathematical bold italic capital e
1D46D	F	F	F	F	F	F	F		\mbfitF	mathematical bold italic capital f
1D46E	G	G	G	G	G	G	G		\mbfitG	mathematical bold italic capital g
1D46F	H	H	H	H	H	H	H		\mbfitH	mathematical bold italic capital h
1D470	I	I	I	I	I	I	I		\mbfitI	mathematical bold italic capital i
1D471	J	J	J	J	J	J	J		\mbfitJ	mathematical bold italic capital j
1D472	K	K	K	K	K	K	K		\mbfitK	mathematical bold italic capital k
1D473	L	L	L	L	L	L	L		\mbfitL	mathematical bold italic capital l
1D474	M	M	M	M	M	M	M		\mbfitM	mathematical bold italic capital m
1D475	N	N	N	N	N	N	N		\mbfitN	mathematical bold italic capital n
1D476	O	O	O	O	O	O	O		\mbfitO	mathematical bold italic capital o
1D477	P	P	P	P	P	P	P		\mbfitP	mathematical bold italic capital p
1D478	Q	Q	Q	Q	Q	Q	Q		\mbfitQ	mathematical bold italic capital q
1D479	R	R	R	R	R	R	R		\mbfitR	mathematical bold italic capital r
1D47A	S	S	S	S	S	S	S		\mbfitS	mathematical bold italic capital s
1D47B	T	T	T	T	T	T	T		\mbfitT	mathematical bold italic capital t

USV	M	X	C	L	D	A	P	E	Macro	Description
1D47C	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<code>\mbfitU</code>	mathematical bold italic capital u
1D47D	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<code>\mbfitV</code>	mathematical bold italic capital v
1D47E	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<code>\mbfitW</code>	mathematical bold italic capital w
1D47F	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<code>\mbfitX</code>	mathematical bold italic capital x
1D480	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<code>\mbfitY</code>	mathematical bold italic capital y
1D481	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		<code>\mbfitZ</code>	mathematical bold italic capital z

13.2.6 Bold italic, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D482	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		<code>\mbfita</code>	mathematical bold italic small a
1D483	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		<code>\mbfitb</code>	mathematical bold italic small b
1D484	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		<code>\mbfitc</code>	mathematical bold italic small c
1D485	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		<code>\mbfitd</code>	mathematical bold italic small d
1D486	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		<code>\mbfite</code>	mathematical bold italic small e
1D487	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		<code>\mbfitf</code>	mathematical bold italic small f
1D488	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>		<code>\mbfitg</code>	mathematical bold italic small g
1D489	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mbfith</code>	mathematical bold italic small h
1D48A	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		<code>\mbfiti</code>	mathematical bold italic small i
1D48B	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		<code>\mbfitj</code>	mathematical bold italic small j
1D48C	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mbfitk</code>	mathematical bold italic small k
1D48D	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mbfitl</code>	mathematical bold italic small l
1D48E	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mbfitm</code>	mathematical bold italic small m
1D48F	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mbfitn</code>	mathematical bold italic small n
1D490	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		<code>\mbfito</code>	mathematical bold italic small o
1D491	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<code>\mbfitp</code>	mathematical bold italic small p
1D492	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		<code>\mbfitq</code>	mathematical bold italic small q
1D493	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		<code>\mbfitr</code>	mathematical bold italic small r
1D494	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		<code>\mbfits</code>	mathematical bold italic small s
1D495	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		<code>\mbfitt</code>	mathematical bold italic small t
1D496	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		<code>\mbfitu</code>	mathematical bold italic small u
1D497	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		<code>\mbfitv</code>	mathematical bold italic small v
1D498	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		<code>\mbfitw</code>	mathematical bold italic small w
1D499	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		<code>\mbfitx</code>	mathematical bold italic small x
1D49A	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		<code>\mbfity</code>	mathematical bold italic small y
1D49B	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>		<code>\mbfitz</code>	mathematical bold italic small z

13.2.7 Bold italic Greek, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D71C	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>		<code>\mbfitAlpha</code>	mathematical bold italic capital alpha
1D71D	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>		<code>\mbfitBeta</code>	mathematical bold italic capital beta
1D71E	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>		<code>\mbfitGamma</code>	mathematical bold italic capital gamma
1D71F	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>		<code>\mbfitDelta</code>	mathematical bold italic capital delta

USV	M	X	C	L	D	A	P	E	Macro	Description
1D720	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		\mbfitEpsilon	mathematical bold italic capital epsilon
1D721	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		\mbfitZeta	mathematical bold italic capital zeta
1D722	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>		\mbfitEta	mathematical bold italic capital eta
1D723	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>		\mbfitTheta	mathematical bold italic capital theta
1D724	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>		\mbfitIota	mathematical bold italic capital iota
1D725	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		\mbfitKappa	mathematical bold italic capital kappa
1D726	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>		\mbfitLambda	mathematical bold italic capital lambda
1D727	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		\mbfitMu	mathematical bold italic capital mu
1D728	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		\mbfitNu	mathematical bold italic capital nu
1D729	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>		\mbfitXi	mathematical bold italic capital xi
1D72A	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		\mbfitOmicron	mathematical bold italic capital omicron
1D72B	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>		\mbfitPi	mathematical bold italic capital pi
1D72C	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		\mbfitRho	mathematical bold italic capital rho
1D72D		<i>Θ</i>	<i>Θ</i>				<i>Θ</i>	<i>Θ</i>	\mbfitvarTheta	mathematical bold italic capital theta symbol
1D72E	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>		\mbfitSigma	mathematical bold italic capital sigma
1D72F	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		\mbfitTau	mathematical bold italic capital tau
1D730	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>		\mbfitUpsilon	mathematical bold italic capital upsilon
1D731	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>		\mbfitPhi	mathematical bold italic capital phi
1D732	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>		\mbfitChi	mathematical bold italic capital chi
1D733	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>		\mbfitPsi	mathematical bold italic capital psi
1D734	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>		\mbfitOmega	mathematical bold italic capital omega

13.2.8 Bold italic Greek, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D736	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>		\mbfitalpha	mathematical bold italic small alpha
1D737	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>		\mbfitbeta	mathematical bold italic small beta
1D738	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>		\mbfitgamma	mathematical bold italic small gamma
1D739	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>		\mbfitdelta	mathematical bold italic small delta
1D73A	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>		\mbfitepsilon	mathematical bold italic small epsilon
1D73B	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>		\mbfitzeta	mathematical bold italic small zeta
1D73C	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>		\mbfiteta	mathematical bold italic small eta
1D73D	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>		\mbfittheta	mathematical bold italic small theta
1D73E	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>		\mbfitiota	mathematical bold italic small iota
1D73F	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>		\mbfitkappa	mathematical bold italic small kappa
1D740	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>		\mbfitlambda	mathematical bold italic small lambda
1D741	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>		\mbfitmu	mathematical bold italic small mu
1D742	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>		\mbfitnu	mathematical bold italic small nu
1D743	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>		\mbfitxi	mathematical bold italic small xi
1D744	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>		\mbfitomicron	mathematical bold italic small omicron
1D745	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>		\mbfitpi	mathematical bold italic small pi
1D746	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>		\mbfitrho	mathematical bold italic small rho
1D747	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>		\mbfitvarsigma	mathematical bold italic small final sigma
1D748	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>		\mbfitsigma	mathematical bold italic small sigma
1D749	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>		\mbfittau	mathematical bold italic small tau
1D74A	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>		\mbfitupsilon	mathematical bold italic small upsilon
1D74B	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>		\mbfitphi	mathematical bold italic small phi

USV	M	X	C	L	D	A	P	E	Macro	Description
1D74C	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>		<code>\mbfitchi</code>	mathematical bold italic small chi
1D74D	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>		<code>\mbfitpsi</code>	mathematical bold italic small psi
1D74E	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>		<code>\mbfitomega</code>	mathematical bold italic small omega
1D74F	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>		<code>\mbfitpartial</code>	mathematical bold italic partial differential
1D750	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>		<code>\mbfitvarepsilon</code>	mathematical bold italic epsilon symbol
1D751	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>		<code>\mbfitvartheta</code>	mathematical bold italic theta symbol
1D752		<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>			<code>\mbfitvarkappa</code>	mathematical bold italic kappa symbol
1D753	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>		<code>\mbfitvarphi</code>	mathematical bold italic phi symbol
1D754	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>		<code>\mbfitvarrho</code>	mathematical bold italic rho symbol
1D755	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>		<code>\mbfitvarpi</code>	mathematical bold italic pi symbol

13.2.9 Bold script, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D4D0	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<code>\mbfscrA</code>	mathematical bold script capital a
1D4D1	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<code>\mbfscrB</code>	mathematical bold script capital b
1D4D2	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<code>\mbfscrC</code>	mathematical bold script capital c
1D4D3	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<code>\mbfscrD</code>	mathematical bold script capital d
1D4D4	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<code>\mbfscrE</code>	mathematical bold script capital e
1D4D5	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<code>\mbfscrF</code>	mathematical bold script capital f
1D4D6	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<code>\mbfscrG</code>	mathematical bold script capital g
1D4D7	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<code>\mbfscrH</code>	mathematical bold script capital h
1D4D8	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<code>\mbfscrI</code>	mathematical bold script capital i
1D4D9	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<code>\mbfscrJ</code>	mathematical bold script capital j
1D4DA	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<code>\mbfscrK</code>	mathematical bold script capital k
1D4DB	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<code>\mbfscrL</code>	mathematical bold script capital l
1D4DC	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<code>\mbfscrM</code>	mathematical bold script capital m
1D4DD	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<code>\mbfscrN</code>	mathematical bold script capital n
1D4DE	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<code>\mbfscrO</code>	mathematical bold script capital o
1D4DF	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<code>\mbfscrP</code>	mathematical bold script capital p
1D4E0	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<code>\mbfscrQ</code>	mathematical bold script capital q
1D4E1	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<code>\mbfscrR</code>	mathematical bold script capital r
1D4E2	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<code>\mbfscrS</code>	mathematical bold script capital s
1D4E3	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<code>\mbfscrT</code>	mathematical bold script capital t
1D4E4	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<code>\mbfscrU</code>	mathematical bold script capital u
1D4E5	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<code>\mbfscrV</code>	mathematical bold script capital v
1D4E6	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<code>\mbfscrW</code>	mathematical bold script capital w
1D4E7	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<code>\mbfscrX</code>	mathematical bold script capital x
1D4E8	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mbfscrY</code>	mathematical bold script capital y
1D4E9	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<code>\mbfscrZ</code>	mathematical bold script capital z

13.2.10 Bold script, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D4EA		<i>a</i>	<i>a</i>			<i>a</i>	<i>a</i>		\mbfscra	mathematical bold script small a
1D4EB		<i>b</i>	<i>b</i>			<i>b</i>	<i>b</i>		\mbfscrb	mathematical bold script small b
1D4EC		<i>c</i>	<i>c</i>			<i>c</i>	<i>c</i>		\mbfscrc	mathematical bold script small c
1D4ED		<i>d</i>	<i>d</i>			<i>d</i>	<i>d</i>		\mbfscrd	mathematical bold script small d
1D4EE		<i>e</i>	<i>e</i>			<i>e</i>	<i>e</i>		\mbfscree	mathematical bold script small e
1D4EF		<i>f</i>	<i>f</i>			<i>f</i>	<i>f</i>		\mbfscrf	mathematical bold script small f
1D4F0		<i>g</i>	<i>g</i>			<i>g</i>	<i>g</i>		\mbfscrg	mathematical bold script small g
1D4F1		<i>h</i>	<i>h</i>			<i>h</i>	<i>h</i>		\mbfscrh	mathematical bold script small h
1D4F2		<i>i</i>	<i>i</i>			<i>i</i>	<i>i</i>		\mbfscri	mathematical bold script small i
1D4F3		<i>j</i>	<i>j</i>			<i>j</i>	<i>j</i>		\mbfscrj	mathematical bold script small j
1D4F4		<i>k</i>	<i>k</i>			<i>k</i>	<i>k</i>		\mbfscrk	mathematical bold script small k
1D4F5		<i>l</i>	<i>l</i>			<i>l</i>	<i>l</i>		\mbfscr1	mathematical bold script small l
1D4F6		<i>m</i>	<i>m</i>			<i>m</i>	<i>m</i>		\mbfscrm	mathematical bold script small m
1D4F7		<i>n</i>	<i>n</i>			<i>n</i>	<i>n</i>		\mbfscrn	mathematical bold script small n
1D4F8		<i>o</i>	<i>o</i>			<i>o</i>	<i>o</i>		\mbfscro	mathematical bold script small o
1D4F9		<i>p</i>	<i>p</i>			<i>p</i>	<i>p</i>		\mbfscrp	mathematical bold script small p
1D4FA		<i>q</i>	<i>q</i>			<i>q</i>	<i>q</i>		\mbfscrq	mathematical bold script small q
1D4FB		<i>r</i>	<i>r</i>			<i>r</i>	<i>r</i>		\mbfscrr	mathematical bold script small r
1D4FC		<i>s</i>	<i>s</i>			<i>s</i>	<i>s</i>		\mbfscrs	mathematical bold script small s
1D4FD		<i>t</i>	<i>t</i>			<i>t</i>	<i>t</i>		\mbfscrt	mathematical bold script small t
1D4FE		<i>u</i>	<i>u</i>			<i>u</i>	<i>u</i>		\mbfscru	mathematical bold script small u
1D4FF		<i>v</i>	<i>v</i>			<i>v</i>	<i>v</i>		\mbfscr1	mathematical bold script small v
1D500		<i>w</i>	<i>w</i>			<i>w</i>	<i>w</i>		\mbfscrw	mathematical bold script small w
1D501		<i>x</i>	<i>x</i>			<i>x</i>	<i>x</i>		\mbfscrx	mathematical bold script small x
1D502		<i>y</i>	<i>y</i>			<i>y</i>	<i>y</i>		\mbfscry	mathematical bold script small y
1D503		<i>z</i>	<i>z</i>			<i>z</i>	<i>z</i>		\mbfscrz	mathematical bold script small z

13.2.11 Bold fraktur, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D56C	<i>A</i>	<i>A</i>	<i>A</i>			<i>A</i>	<i>A</i>	<i>A</i>	\mbffrakA	mathematical bold fraktur capital a
1D56D	<i>B</i>	<i>B</i>	<i>B</i>			<i>B</i>	<i>B</i>	<i>B</i>	\mbffrakB	mathematical bold fraktur capital b
1D56E	<i>C</i>	<i>C</i>	<i>C</i>			<i>C</i>	<i>C</i>	<i>C</i>	\mbffrakC	mathematical bold fraktur capital c
1D56F	<i>D</i>	<i>D</i>	<i>D</i>			<i>D</i>	<i>D</i>	<i>D</i>	\mbffrakD	mathematical bold fraktur capital d
1D570	<i>E</i>	<i>E</i>	<i>E</i>			<i>E</i>	<i>E</i>	<i>E</i>	\mbffrakE	mathematical bold fraktur capital e
1D571	<i>F</i>	<i>F</i>	<i>F</i>			<i>F</i>	<i>F</i>	<i>F</i>	\mbffrakF	mathematical bold fraktur capital f
1D572	<i>G</i>	<i>G</i>	<i>G</i>			<i>G</i>	<i>G</i>	<i>G</i>	\mbffrakG	mathematical bold fraktur capital g
1D573	<i>H</i>	<i>H</i>	<i>H</i>			<i>H</i>	<i>H</i>	<i>H</i>	\mbffrakH	mathematical bold fraktur capital h
1D574	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	\mbffrakI	mathematical bold fraktur capital i
1D575	<i>J</i>	<i>J</i>	<i>J</i>			<i>J</i>	<i>J</i>	<i>J</i>	\mbffrakJ	mathematical bold fraktur capital j
1D576	<i>K</i>	<i>K</i>	<i>K</i>			<i>K</i>	<i>K</i>	<i>K</i>	\mbffrakK	mathematical bold fraktur capital k
1D577	<i>L</i>	<i>L</i>	<i>L</i>			<i>L</i>	<i>L</i>	<i>L</i>	\mbffrakL	mathematical bold fraktur capital l
1D578	<i>M</i>	<i>M</i>	<i>M</i>			<i>M</i>	<i>M</i>	<i>M</i>	\mbffrakM	mathematical bold fraktur capital m
1D579	<i>N</i>	<i>N</i>	<i>N</i>			<i>N</i>	<i>N</i>	<i>N</i>	\mbffrakN	mathematical bold fraktur capital n

USV	M	X	C	L	D	A	P	E	Macro	Description
1D57A	Ō	Ȭ	Ȫ			Ȫ	Ȫ	Ȫ	\mbffrakO	mathematical bold fraktur capital o
1D57B	Ȣ	Ȧ	Ȥ			Ȥ	Ȥ	Ȥ	\mbffrakP	mathematical bold fraktur capital p
1D57C	Ȫ	Ȭ	Ȫ			Ȫ	Ȫ	Ȫ	\mbffrakQ	mathematical bold fraktur capital q
1D57D	Ȣ	Ȧ	Ȥ	Ȣ	Ȣ	Ȣ	Ȣ	Ȣ	\mbffrakR	mathematical bold fraktur capital r
1D57E	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakS	mathematical bold fraktur capital s
1D57F	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakT	mathematical bold fraktur capital t
1D580	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakU	mathematical bold fraktur capital u
1D581	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakV	mathematical bold fraktur capital v
1D582	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakW	mathematical bold fraktur capital w
1D583	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakX	mathematical bold fraktur capital x
1D584	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakY	mathematical bold fraktur capital y
1D585	Ȣ	Ȧ	Ȥ			Ȣ	Ȣ	Ȣ	\mbffrakZ	mathematical bold fraktur capital z

13.2.12 Bold fraktur, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D586	a	ȡ	ȡ			a	a	a	\mbffraka	mathematical bold fraktur small a
1D587	b	Ȣ	Ȣ			b	b	b	\mbffrakb	mathematical bold fraktur small b
1D588	c	Ȣ	Ȣ			c	c	c	\mbffrakc	mathematical bold fraktur small c
1D589	d	Ȣ	Ȣ			d	d	d	\mbffrakd	mathematical bold fraktur small d
1D58A	e	Ȣ	Ȣ			e	e	e	\mbffrake	mathematical bold fraktur small e
1D58B	f	Ȣ	Ȣ			f	f	f	\mbffrakf	mathematical bold fraktur small f
1D58C	g	Ȣ	Ȣ			g	g	g	\mbffrakg	mathematical bold fraktur small g
1D58D	h	Ȣ	Ȣ			h	h	h	\mbffrakh	mathematical bold fraktur small h
1D58E	i	Ȣ	Ȣ			i	i	i	\mbffraki	mathematical bold fraktur small i
1D58F	j	Ȣ	Ȣ			j	j	j	\mbffrakj	mathematical bold fraktur small j
1D590	k	Ȣ	Ȣ			k	k	k	\mbffrakk	mathematical bold fraktur small k
1D591	l	Ȣ	Ȣ			l	l	l	\mbffrakl	mathematical bold fraktur small l
1D592	m	Ȣ	Ȣ			m	m	m	\mbffrakm	mathematical bold fraktur small m
1D593	n	Ȣ	Ȣ			n	n	n	\mbffrakn	mathematical bold fraktur small n
1D594	o	Ȣ	Ȣ			o	o	o	\mbffrako	mathematical bold fraktur small o
1D595	p	Ȣ	Ȣ			p	p	p	\mbffrakp	mathematical bold fraktur small p
1D596	q	Ȣ	Ȣ			q	q	q	\mbffrakq	mathematical bold fraktur small q
1D597	r	Ȣ	Ȣ			r	r	r	\mbffrakr	mathematical bold fraktur small r
1D598	s	Ȣ	Ȣ			s	s	s	\mbffraks	mathematical bold fraktur small s
1D599	t	Ȣ	Ȣ			t	t	t	\mbffrakt	mathematical bold fraktur small t
1D59A	u	Ȣ	Ȣ			u	u	u	\mbffraku	mathematical bold fraktur small u
1D59B	v	Ȣ	Ȣ			v	v	v	\mbffrakv	mathematical bold fraktur small v
1D59C	w	Ȣ	Ȣ			w	w	w	\mbffrakw	mathematical bold fraktur small w
1D59D	x	Ȣ	Ȣ			x	x	x	\mbffrakx	mathematical bold fraktur small x
1D59E	y	Ȣ	Ȣ			y	y	y	\mbffraky	mathematical bold fraktur small y
1D59F	z	Ȣ	Ȣ			z	z	z	\mbffrakz	mathematical bold fraktur small z

13.2.13 Bold sans serif, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5D4	A	A	A	A	A	A	A		<code>\mbfsansA</code>	mathematical sans-serif bold capital a
1D5D5	B	B	B	B	B	B	B		<code>\mbfsansB</code>	mathematical sans-serif bold capital b
1D5D6	C	C	C	C	C	C	C		<code>\mbfsansC</code>	mathematical sans-serif bold capital c
1D5D7	D	D	D	D	D	D	D		<code>\mbfsansD</code>	mathematical sans-serif bold capital d
1D5D8	E	E	E	E	E	E	E		<code>\mbfsansE</code>	mathematical sans-serif bold capital e
1D5D9	F	F	F	F	F	F	F		<code>\mbfsansF</code>	mathematical sans-serif bold capital f
1D5DA	G	G	G	G	G	G	G		<code>\mbfsansG</code>	mathematical sans-serif bold capital g
1D5DB	H	H	H	H	H	H	H		<code>\mbfsansH</code>	mathematical sans-serif bold capital h
1D5DC	I	I	I	I	I	I	I		<code>\mbfsansI</code>	mathematical sans-serif bold capital i
1D5DD	J	J	J	J	J	J	J		<code>\mbfsansJ</code>	mathematical sans-serif bold capital j
1D5DE	K	K	K	K	K	K	K		<code>\mbfsansK</code>	mathematical sans-serif bold capital k
1D5DF	L	L	L	L	L	L	L		<code>\mbfsansL</code>	mathematical sans-serif bold capital l
1D5E0	M	M	M	M	M	M	M		<code>\mbfsansM</code>	mathematical sans-serif bold capital m
1D5E1	N	N	N	N	N	N	N		<code>\mbfsansN</code>	mathematical sans-serif bold capital n
1D5E2	O	O	O	O	O	O	O		<code>\mbfsansO</code>	mathematical sans-serif bold capital o
1D5E3	P	P	P	P	P	P	P		<code>\mbfsansP</code>	mathematical sans-serif bold capital p
1D5E4	Q	Q	Q	Q	Q	Q	Q		<code>\mbfsansQ</code>	mathematical sans-serif bold capital q
1D5E5	R	R	R	R	R	R	R		<code>\mbfsansR</code>	mathematical sans-serif bold capital r
1D5E6	S	S	S	S	S	S	S		<code>\mbfsansS</code>	mathematical sans-serif bold capital s
1D5E7	T	T	T	T	T	T	T		<code>\mbfsansT</code>	mathematical sans-serif bold capital t
1D5E8	U	U	U	U	U	U	U		<code>\mbfsansU</code>	mathematical sans-serif bold capital u
1D5E9	V	V	V	V	V	V	V		<code>\mbfsansV</code>	mathematical sans-serif bold capital v
1D5EA	W	W	W	W	W	W	W		<code>\mbfsansW</code>	mathematical sans-serif bold capital w
1D5EB	X	X	X	X	X	X	X		<code>\mbfsansX</code>	mathematical sans-serif bold capital x
1D5EC	Y	Y	Y	Y	Y	Y	Y		<code>\mbfsansY</code>	mathematical sans-serif bold capital y
1D5ED	Z	Z	Z	Z	Z	Z	Z		<code>\mbfsansZ</code>	mathematical sans-serif bold capital z

13.2.14 Bold sans serif, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5EE	a	a	a	a	a	a	a		<code>\mbfsansa</code>	mathematical sans-serif bold small a
1D5EF	b	b	b	b	b	b	b		<code>\mbfsansb</code>	mathematical sans-serif bold small b
1D5F0	c	c	c	c	c	c	c		<code>\mbfsansc</code>	mathematical sans-serif bold small c
1D5F1	d	d	d	d	d	d	d		<code>\mbfsansd</code>	mathematical sans-serif bold small d
1D5F2	e	e	e	e	e	e	e		<code>\mbfsanse</code>	mathematical sans-serif bold small e
1D5F3	f	f	f	f	f	f	f		<code>\mbfsansf</code>	mathematical sans-serif bold small f
1D5F4	g	g	g	g	g	g	g		<code>\mbfsansg</code>	mathematical sans-serif bold small g
1D5F5	h	h	h	h	h	h	h		<code>\mbfsansh</code>	mathematical sans-serif bold small h
1D5F6	i	i	i	i	i	i	i		<code>\mbfsansi</code>	mathematical sans-serif bold small i
1D5F7	j	j	j	j	j	j	j		<code>\mbfsansj</code>	mathematical sans-serif bold small j
1D5F8	k	k	k	k	k	k	k		<code>\mbfsansk</code>	mathematical sans-serif bold small k
1D5F9	l	l	l	l	l	l	l		<code>\mbfsansl</code>	mathematical sans-serif bold small l
1D5FA	m	m	m	m	m	m	m		<code>\mbfsansm</code>	mathematical sans-serif bold small m
1D5FB	n	n	n	n	n	n	n		<code>\mbfsansn</code>	mathematical sans-serif bold small n
1D5FC	o	o	o	o	o	o	o		<code>\mbfsanso</code>	mathematical sans-serif bold small o
1D5FD	p	p	p	p	p	p	p		<code>\mbfsansp</code>	mathematical sans-serif bold small p
1D5FE	q	q	q	q	q	q	q		<code>\mbfsansq</code>	mathematical sans-serif bold small q

USV	M	X	C	L	D	A	P	E	Macro	Description
1D5FF	r	r	r	r	r	r	r		\mbfsansr	mathematical sans-serif bold small r
1D600	s	s	s	s	s	s	s		\mbfsanss	mathematical sans-serif bold small s
1D601	t	t	t	t	t	t	t		\mbfsanst	mathematical sans-serif bold small t
1D602	u	u	u	u	u	u	u		\mbfsansu	mathematical sans-serif bold small u
1D603	v	v	v	v	v	v	v		\mbfsansv	mathematical sans-serif bold small v
1D604	w	w	w	w	w	w	w		\mbfsansw	mathematical sans-serif bold small w
1D605	x	x	x	x	x	x	x		\mbfsansx	mathematical sans-serif bold small x
1D606	y	y	y	y	y	y	y		\mbfsansy	mathematical sans-serif bold small y
1D607	z	z	z	z	z	z	z		\mbfsansz	mathematical sans-serif bold small z

13.2.15 Bold italic sans serif, Latin, uppercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D63C	A	A	A	A	A	A	A		\mbfitsansA	mathematical sans-serif bold italic capital a
1D63D	B	B	B	B	B	B	B		\mbfitsansB	mathematical sans-serif bold italic capital b
1D63E	C	C	C	C	C	C	C		\mbfitsansC	mathematical sans-serif bold italic capital c
1D63F	D	D	D	D	D	D	D		\mbfitsansD	mathematical sans-serif bold italic capital d
1D640	E	E	E	E	E	E	E		\mbfitsansE	mathematical sans-serif bold italic capital e
1D641	F	F	F	F	F	F	F		\mbfitsansF	mathematical sans-serif bold italic capital f
1D642	G	G	G	G	G	G	G		\mbfitsansG	mathematical sans-serif bold italic capital g
1D643	H	H	H	H	H	H	H		\mbfitsansH	mathematical sans-serif bold italic capital h
1D644	I	I	I	I	I	I	I		\mbfitsansI	mathematical sans-serif bold italic capital i
1D645	J	J	J	J	J	J	J		\mbfitsansJ	mathematical sans-serif bold italic capital j
1D646	K	K	K	K	K	K	K		\mbfitsansK	mathematical sans-serif bold italic capital k
1D647	L	L	L	L	L	L	L		\mbfitsansL	mathematical sans-serif bold italic capital l
1D648	M	M	M	M	M	M	M		\mbfitsansM	mathematical sans-serif bold italic capital m
1D649	N	N	N	N	N	N	N		\mbfitsansN	mathematical sans-serif bold italic capital n
1D64A	O	O	O	O	O	O	O		\mbfitsansO	mathematical sans-serif bold italic capital o
1D64B	P	P	P	P	P	P	P		\mbfitsansP	mathematical sans-serif bold italic capital p
1D64C	Q	Q	Q	Q	Q	Q	Q		\mbfitsansQ	mathematical sans-serif bold italic capital q
1D64D	R	R	R	R	R	R	R		\mbfitsansR	mathematical sans-serif bold italic capital r
1D64E	S	S	S	S	S	S	S		\mbfitsansS	mathematical sans-serif bold italic capital s
1D64F	T	T	T	T	T	T	T		\mbfitsansT	mathematical sans-serif bold italic capital t
1D650	U	U	U	U	U	U	U		\mbfitsansU	mathematical sans-serif bold italic capital u
1D651	V	V	V	V	V	V	V		\mbfitsansV	mathematical sans-serif bold italic capital v
1D652	W	W	W	W	W	W	W		\mbfitsansW	mathematical sans-serif bold italic capital w
1D653	X	X	X	X	X	X	X		\mbfitsansX	mathematical sans-serif bold italic capital x
1D654	Y	Y	Y	Y	Y	Y	Y		\mbfitsansY	mathematical sans-serif bold italic capital y
1D655	Z	Z	Z	Z	Z	Z	Z		\mbfitsansZ	mathematical sans-serif bold italic capital z

13.2.16 Bold italic sans serif, Latin, lowercase

USV	M	X	C	L	D	A	P	E	Macro	Description
1D656	a	a	a	a	a	a	a		\mbfitsansa	mathematical sans-serif bold italic small a

usv	M	X	C	L	D	A	P	E	Macro	Description
1D657	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		\mbfitsansb	mathematical sans-serif bold italic small b
1D658	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		\mbfitsansc	mathematical sans-serif bold italic small c
1D659	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		\mbfitsansd	mathematical sans-serif bold italic small d
1D65A	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		\mbfitsanse	mathematical sans-serif bold italic small e
1D65B	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		\mbfitsansf	mathematical sans-serif bold italic small f
1D65C	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>		\mbfitsansg	mathematical sans-serif bold italic small g
1D65D	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		\mbfitsansh	mathematical sans-serif bold italic small h
1D65E	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		\mbfitsansi	mathematical sans-serif bold italic small i
1D65F	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		\mbfitsansj	mathematical sans-serif bold italic small j
1D660	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		\mbfitsansk	mathematical sans-serif bold italic small k
1D661	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		\mbfitsansl	mathematical sans-serif bold italic small l
1D662	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		\mbfitsansm	mathematical sans-serif bold italic small m
1D663	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		\mbfitsansn	mathematical sans-serif bold italic small n
1D664	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		\mbfitsanso	mathematical sans-serif bold italic small o
1D665	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		\mbfitsansp	mathematical sans-serif bold italic small p
1D666	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		\mbfitsansq	mathematical sans-serif bold italic small q
1D667	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		\mbfitsansr	mathematical sans-serif bold italic small r
1D668	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		\mbfitsanss	mathematical sans-serif bold italic small s
1D669	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		\mbfitsanst	mathematical sans-serif bold italic small t
1D66A	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		\mbfitsansu	mathematical sans-serif bold italic small u
1D66B	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		\mbfitsansv	mathematical sans-serif bold italic small v
1D66C	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		\mbfitsansw	mathematical sans-serif bold italic small w
1D66D	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		\mbfitsansx	mathematical sans-serif bold italic small x
1D66E	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		\mbfitsansy	mathematical sans-serif bold italic small y
1D66F	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>		\mbfitsansz	mathematical sans-serif bold italic small z

13.2.17 Bold sans serif Greek, uppercase

usv	M	X	C	L	D	A	P	E	Macro	Description
1D756	A	A		A	A	A	A		\mbfsansAlpha	mathematical sans-serif bold capital alpha
1D757	B	B		B	B	B	B		\mbfsansBeta	mathematical sans-serif bold capital beta
1D758	Γ	Γ		Γ	Γ	Γ	Γ		\mbfsansGamma	mathematical sans-serif bold capital gamma
1D759	Δ	Δ		Δ	Δ	Δ	Δ		\mbfsansDelta	mathematical sans-serif bold capital delta
1D75A	E	E		E	E	E	E		\mbfsansEpsilon	mathematical sans-serif bold capital epsilon
1D75B	Z	Z		Z	Z	Z	Z		\mbfsansZeta	mathematical sans-serif bold capital zeta
1D75C	H	H		H	H	H	H		\mbfsansEta	mathematical sans-serif bold capital eta
1D75D	Θ	Θ		Θ	Θ	Θ	Θ		\mbfsansTheta	mathematical sans-serif bold capital theta
1D75E	I	I		I	I	I	I		\mbfsansIota	mathematical sans-serif bold capital iota
1D75F	K	K		K	K	K	K		\mbfsansKappa	mathematical sans-serif bold capital kappa
1D760	Λ	Λ		Λ	Λ	Λ	Λ		\mbfsansLambda	mathematical sans-serif bold capital lambda
1D761	M	M		M	M	M	M		\mbfsansMu	mathematical sans-serif bold capital mu
1D762	N	N		N	N	N	N		\mbfsansNu	mathematical sans-serif bold capital nu
1D763	Ξ	Ξ		Ξ	Ξ	Ξ	Ξ		\mbfsansXi	mathematical sans-serif bold capital xi
1D764	O	O		O	O	O	O		\mbfsansOmicron	mathematical sans-serif bold capital omicron
1D765	Π	Π		Π	Π	Π	Π		\mbfsansPi	mathematical sans-serif bold capital pi
1D766	P	P		P	P	P	P		\mbfsansRho	mathematical sans-serif bold capital rho
1D767		Θ				Θ	Θ		\mbfsansvarTheta	mathematical sans-serif bold capital theta symbol

usv	M	X	C	L	D	A	P	E	Macro	Description
1D768	Σ	Σ		Σ	Σ	Σ	Σ		\mbfsansSigma	mathematical sans-serif bold capital sigma
1D769	Τ	Τ		Τ	Τ	Τ	Τ		\mbfsansTau	mathematical sans-serif bold capital tau
1D76A	Υ	Υ		Υ	Υ	Υ	Υ		\mbfsansUpsilon	mathematical sans-serif bold capital upsilon
1D76B	Φ	Φ		Φ	Φ	Φ	Φ		\mbfsansPhi	mathematical sans-serif bold capital phi
1D76C	Χ	Χ		Χ	Χ	Χ	Χ		\mbfsansChi	mathematical sans-serif bold capital chi
1D76D	Ψ	Ψ		Ψ	Ψ	Ψ	Ψ		\mbfsansPsi	mathematical sans-serif bold capital psi
1D76E	Ω	Ω		Ω	Ω	Ω	Ω		\mbfsansOmega	mathematical sans-serif bold capital omega

13.2.18 Bold sans serif Greek, lowercase

usv	M	X	C	L	D	A	P	E	Macro	Description
1D770		α		α	α	α	α		\mbfsansalpha	mathematical sans-serif bold small alpha
1D771		β		β	β	β	β		\mbfsansbeta	mathematical sans-serif bold small beta
1D772		γ		γ	γ	γ	γ		\mbfsansgamma	mathematical sans-serif bold small gamma
1D773		δ		δ	δ	δ	δ		\mbfsansdelta	mathematical sans-serif bold small delta
1D774		ε		ε	ε	ε	ε		\mbfsansepsilon	mathematical sans-serif bold small epsilon
1D775		ζ		ζ	ζ	ζ	ζ		\mbfsanszeta	mathematical sans-serif bold small zeta
1D776		η		η	η	η	η		\mbfsanseta	mathematical sans-serif bold small eta
1D777		θ		θ	θ	θ	θ		\mbfsanstheta	mathematical sans-serif bold small theta
1D778		ι		ι	ι	ι	ι		\mbfsansiota	mathematical sans-serif bold small iota
1D779		κ		κ	κ	κ	κ		\mbfsanskappa	mathematical sans-serif bold small kappa
1D77A		λ		λ	λ	λ	λ		\mbfsanslambda	mathematical sans-serif bold small lambda
1D77B		μ		μ	μ	μ	μ		\mbfsansmu	mathematical sans-serif bold small mu
1D77C		ν		ν	ν	ν	ν		\mbfsansnu	mathematical sans-serif bold small nu
1D77D		ξ		ξ	ξ	ξ	ξ		\mbfsansxi	mathematical sans-serif bold small xi
1D77E		ο		ο	ο	ο	ο		\mbfsansomicron	mathematical sans-serif bold small omicron
1D77F		π		π	π	π	π		\mbfsanspi	mathematical sans-serif bold small pi
1D780		ρ		ρ	ρ	ρ	ρ		\mbfsansrho	mathematical sans-serif bold small rho
1D781		ς		ς	ς	ς	ς		\mbfsansvarsigma	mathematical sans-serif bold small final sigma
1D782		σ		σ	σ	σ	σ		\mbfsanssigma	mathematical sans-serif bold small sigma
1D783		τ		τ	τ	τ	τ		\mbfsanstau	mathematical sans-serif bold small tau
1D784		υ		υ	υ	υ	υ		\mbfsansupsilon	mathematical sans-serif bold small upsilon
1D785		φ		φ	φ	φ	φ		\mbfsansphi	mathematical sans-serif bold small phi
1D786		χ		χ	χ	χ	χ		\mbfsanschi	mathematical sans-serif bold small chi
1D787		ψ		ψ	ψ	ψ	ψ		\mbfsanspsi	mathematical sans-serif bold small psi
1D788		ω		ω	ω	ω	ω		\mbfsansomega	mathematical sans-serif bold small omega
1D789		∂		∂	∂	∂	∂		\mbfsanspartial	mathematical sans-serif bold partial differential
1D78A		ε		ε	ε	ε	ε		\mbfsansvarepsilon	mathematical sans-serif bold epsilon symbol
1D78B		θ		θ	θ	θ	θ		\mbfsansvartheta	mathematical sans-serif bold theta symbol
1D78C		κ		κ	κ	κ	κ		\mbfsansvarkappa	mathematical sans-serif bold kappa symbol
1D78D		φ		φ	φ	φ	φ		\mbfsansvarphi	mathematical sans-serif bold phi symbol
1D78E		ρ		ρ	ρ	ρ	ρ		\mbfsansvarrho	mathematical sans-serif bold rho symbol
1D78F		ω		ω	ω	ω	ω		\mbfsansvarpi	mathematical sans-serif bold pi symbol

13.2.19 Bold italic sans serif Greek, uppercase

usv	M	X	C	L	D	A	P	E	Macro	Description
1D790	A	A		A	A	A	A		\mbfitsansAlpha	mathematical sans-serif bold italic capital alpha
1D791	B	B		B	B	B	B		\mbfitsansBeta	mathematical sans-serif bold italic capital beta
1D792	Γ	Γ		Γ	Γ	Γ	Γ		\mbfitsansGamma	mathematical sans-serif bold italic capital gamma
1D793	Δ	Δ		Δ	Δ	Δ	Δ		\mbfitsansDelta	mathematical sans-serif bold italic capital delta
1D794	E	E		E	E	E	E		\mbfitsansEpsilon	mathematical sans-serif bold italic capital epsilon
1D795	Z	Z		Z	Z	Z	Z		\mbfitsansZeta	mathematical sans-serif bold italic capital zeta
1D796	H	H		H	H	H	H		\mbfitsansEta	mathematical sans-serif bold italic capital eta
1D797	Θ	Θ		Θ	Θ	Θ	Θ		\mbfitsansTheta	mathematical sans-serif bold italic capital theta
1D798	I	I		I	I	I	I		\mbfitsansIota	mathematical sans-serif bold italic capital iota
1D799	K	K		K	K	K	K		\mbfitsansKappa	mathematical sans-serif bold italic capital kappa
1D79A	Λ	Λ		Λ	Λ	Λ	Λ		\mbfitsansLambda	mathematical sans-serif bold italic capital lambda
1D79B	M	M		M	M	M	M		\mbfitsansMu	mathematical sans-serif bold italic capital mu
1D79C	N	N		N	N	N	N		\mbfitsansNu	mathematical sans-serif bold italic capital nu
1D79D	Ξ	Ξ		Ξ	Ξ	Ξ	Ξ		\mbfitsansXi	mathematical sans-serif bold italic capital xi
1D79E	O	O		O	O	O	O		\mbfitsansOmicron	mathematical sans-serif bold italic capital omicron
1D79F	Π	Π		Π	Π	Π	Π		\mbfitsansPi	mathematical sans-serif bold italic capital pi
1D7A0	P	P		P	P	P	P		\mbfitsansRho	mathematical sans-serif bold italic capital rho
1D7A1		Θ				Θ	Θ		\mbfitsansvarTheta	mathematical sans-serif bold italic capital theta symbol
1D7A2	Σ	Σ		Σ	Σ	Σ	Σ		\mbfitsansSigma	mathematical sans-serif bold italic capital sigma
1D7A3	T	T		T	T	T	T		\mbfitsansTau	mathematical sans-serif bold italic capital tau
1D7A4	Υ	Υ		Υ	Υ	Υ	Υ		\mbfitsansUpsilon	mathematical sans-serif bold italic capital upsilon
1D7A5	Φ	Φ		Φ	Φ	Φ	Φ		\mbfitsansPhi	mathematical sans-serif bold italic capital phi
1D7A6	Χ	Χ		Χ	Χ	Χ	Χ		\mbfitsansChi	mathematical sans-serif bold italic capital chi
1D7A7	Ψ	Ψ		Ψ	Ψ	Ψ	Ψ		\mbfitsansPsi	mathematical sans-serif bold italic capital psi
1D7A8	Ω	Ω		Ω	Ω	Ω	Ω		\mbfitsansOmega	mathematical sans-serif bold italic capital omega

13.2.20 Bold italic sans serif Greek, lowercase

usv	M	X	C	L	D	A	P	E	Macro	Description
1D7AA		α		α	α	α	α		\mbfitsansalpha	mathematical sans-serif bold italic small alpha
1D7AB		β		β	β	β	β		\mbfitsansbeta	mathematical sans-serif bold italic small beta
1D7AC		γ		γ	γ	γ	γ		\mbfitsansgamma	mathematical sans-serif bold italic small gamma
1D7AD		δ		δ	δ	δ	δ		\mbfitsansdelta	mathematical sans-serif bold italic small delta
1D7AE		ε		ε	ε	ε	ε		\mbfitsansepsilon	mathematical sans-serif bold italic small epsilon
1D7AF		ζ		ζ	ζ	ζ	ζ		\mbfitsanszeta	mathematical sans-serif bold italic small zeta
1D7B0		η		η	η	η	η		\mbfitsanseta	mathematical sans-serif bold italic small eta
1D7B1		θ		θ	θ	θ	θ		\mbfitsanstheta	mathematical sans-serif bold italic small theta
1D7B2		ι		ι	ι	ι	ι		\mbfitsansiota	mathematical sans-serif bold italic small iota
1D7B3		κ		κ	κ	κ	κ		\mbfitsanskappa	mathematical sans-serif bold italic small kappa
1D7B4		λ		λ	λ	λ	λ		\mbfitsanslambda	mathematical sans-serif bold italic small lambda
1D7B5		μ		μ	μ	μ	μ		\mbfitsansmu	mathematical sans-serif bold italic small mu
1D7B6		ν		ν	ν	ν	ν		\mbfitsansnu	mathematical sans-serif bold italic small nu
1D7B7		ξ		ξ	ξ	ξ	ξ		\mbfitsansxi	mathematical sans-serif bold italic small xi
1D7B8		ο		ο	ο	ο	ο		\mbfitsansomicron	mathematical sans-serif bold italic small omicron
1D7B9		π		π	π	π	π		\mbfitsanspi	mathematical sans-serif bold italic small pi
1D7BA		ρ		ρ	ρ	ρ	ρ		\mbfitsansrho	mathematical sans-serif bold italic small rho
1D7BB		ς		ς	ς	ς	ς		\mbfitsansvarsigma	mathematical sans-serif bold italic small final sigma

USV	M	X	C	L	D	A	P	E	Macro	Description
1D7BC		σ		σ	σ	σ	σ		<code>\mbfitsanssigma</code>	mathematical sans-serif bold italic small sigma
1D7BD		τ		τ	τ	τ	τ		<code>\mbfitsanstau</code>	mathematical sans-serif bold italic small tau
1D7BE		υ		υ	υ	υ	υ		<code>\mbfitsansupsilon</code>	mathematical sans-serif bold italic small upsilon
1D7BF		φ		φ	φ	φ	φ		<code>\mbfitsansphi</code>	mathematical sans-serif bold italic small phi
1D7C0		χ		χ	χ	χ	χ		<code>\mbfitsanschi</code>	mathematical sans-serif bold italic small chi
1D7C1		ψ		ψ	ψ	ψ	ψ		<code>\mbfitsanspsi</code>	mathematical sans-serif bold italic small psi
1D7C2		ω		ω	ω	ω	ω		<code>\mbfitsansomega</code>	mathematical sans-serif bold italic small omega
1D7C3		∂		∂	∂	∂	∂		<code>\mbfitsanspartial</code>	mathematical sans-serif bold italic partial differential
1D7C4		ϵ		ϵ	ϵ	ϵ	ϵ		<code>\mbfitsansvarepsilon</code>	mathematical sans-serif bold italic epsilon symbol
1D7C5		ϑ		ϑ	ϑ	ϑ	ϑ		<code>\mbfitsansvartheta</code>	mathematical sans-serif bold italic theta symbol
1D7C6		κ		κ	κ	κ	κ		<code>\mbfitsansvarkappa</code>	mathematical sans-serif bold italic kappa symbol
1D7C7		ϕ		ϕ	ϕ	ϕ	ϕ		<code>\mbfitsansvarphi</code>	mathematical sans-serif bold italic phi symbol
1D7C8		ϱ		ϱ	ϱ	ϱ	ϱ		<code>\mbfitsansvarrho</code>	mathematical sans-serif bold italic rho symbol
1D7C9		ϖ		ϖ	ϖ	ϖ	ϖ		<code>\mbfitsansvarpi</code>	mathematical sans-serif bold italic pi symbol

13.3 Miscellaneous

USV	M	X	C	L	D	A	P	E	Macro	Description
000F0	\eth	\eth	\eth	\eth		\eth	\eth		<code>\matheth</code>	eth
02102	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$		<code>\BbbC</code>	/bbb c, open face c
0210A	\mathscr{g}	\mathscr{g}	\mathscr{g}	\mathscr{g}	\mathscr{g}	\mathscr{g}	\mathscr{g}		<code>\mscrg</code>	/scr g, script letter g
0210B	\mathcal{H}	\mathcal{H}	\mathcal{H}	\mathcal{H}	\mathcal{H}	\mathcal{H}	\mathcal{H}	\mathcal{H}	<code>\mscrH</code>	hamiltonian (script capital h)
0210C	\mathfrak{h}	\mathfrak{h}	\mathfrak{h}	\mathfrak{h}		\mathfrak{h}	\mathfrak{h}	\mathfrak{h}	<code>\mfracH</code>	/frac h, upper case h
0210D	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$	$\text{\textcircled{H}}$		<code>\BbbH</code>	/bbb h, open face h
0210F	\hslash	\hslash	\hslash	\hslash	\hslash	\hslash	\hslash		<code>\hslash^(a)</code>	/hslash - variant planck's over 2pi
02110	\mathscr{I}	\mathscr{I}	\mathscr{I}	\mathscr{I}	\mathscr{I}	\mathscr{I}	\mathscr{I}	\mathscr{I}	<code>\mscrI</code>	/scr i, script letter i
02111	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	\mathfrak{I}	<code>\Im^(p)</code>	imaginary part
02112	\mathcal{L}	\mathcal{L}	\mathcal{L}	\mathcal{L}	\mathcal{L}	\mathcal{L}	\mathcal{L}	\mathcal{L}	<code>\mscrL</code>	lagrangian (script capital l)
02113	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	<code>\ell^(p)</code>	cursive small l
02115	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$	$\text{\textcircled{N}}$		<code>\BbbN</code>	/bbb n, open face n
02118	\wp	\wp	\wp	\wp	\wp	\wp	\wp	\wp	<code>\wp^(p)</code>	weierstrass p
02119	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$	$\text{\textcircled{P}}$		<code>\BbbP</code>	/bbb p, open face p
0211A	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$	$\text{\textcircled{Q}}$		<code>\BbbQ</code>	/bbb q, open face q
0211B	\mathscr{R}	\mathscr{R}	\mathscr{R}	\mathscr{R}	\mathscr{R}	\mathscr{R}	\mathscr{R}	\mathscr{R}	<code>\mscrR</code>	/scr r, script letter r
0211C	\Re	\Re	\Re	\Re	\Re	\Re	\Re	\Re	<code>\Re^(p)</code>	real part
0211D	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$	$\text{\textcircled{R}}$		<code>\BbbR</code>	/bbb r, open face r
02124	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$	$\text{\textcircled{Z}}$		<code>\BbbZ</code>	/bbb z, open face z
02128	\mathfrak{Z}	\mathfrak{Z}	\mathfrak{Z}	\mathfrak{Z}		\mathfrak{Z}	\mathfrak{Z}	\mathfrak{Z}	<code>\mfracZ</code>	/frac z, upper case z
02129		ι	ι	ι		ι			<code>\turnediota</code>	turned iota
0212B		\AA	\AA	\AA		\AA	\AA		<code>\Angstrom</code>	angstrom capital a, ring
0212C	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	<code>\mscrB</code>	bernoulli function (script capital b)
0212D	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$		$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	<code>\mfracC</code>	black-letter capital c
0212F		\mathscr{e}	\mathscr{e}	\mathscr{e}		\mathscr{e}	\mathscr{e}		<code>\mscre</code>	/scr e, script letter e
02130	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	<code>\mscrE</code>	/scr e, script letter e
02131	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	<code>\mscrF</code>	/scr f, script letter f
02133	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	<code>\mscrM</code>	physics m-matrix (script capital m)
02134		$\text{\textcircled{o}}$	$\text{\textcircled{o}}$	$\text{\textcircled{o}}$		$\text{\textcircled{o}}$	$\text{\textcircled{o}}$		<code>\mscro</code>	order of (script small o)

USV	M	X	C	L	D	A	P	E	Macro	Description
02135	א	א	א	א	א	א	א	א	<code>\aleph^(p)</code>	aleph, hebrew
02136	ב	ב	ב	ב	ב	ב	ב		<code>\beth^(a)</code>	beth, hebrew
02137	ג	ג	ג	ג	ג	ג	ג		<code>\gimel^(a)</code>	gimel, hebrew
02138	ד	ד	ד	ד	ד	ד	ד		<code>\daleth^(a)</code>	daleth, hebrew
0213D	Ɑ	Ɑ	Ɑ			Ɑ	Ɑ		<code>\Bbbgamma</code>	double-struck small gamma
0213E	Γ	Γ	Γ			Γ	Γ		<code>\BbbGamma</code>	double-struck capital gamma
0213F	Π	Π	Π			Π	Π		<code>\BbbPi</code>	double-struck capital pi
02202	∂	∂	∂	∂	∂	∂	∂	□	<code>\partial^(p)</code>	partial differential
02207	∇	∇	∇	∇	∇	∇	∇		<code>\nabla^(p)</code>	nabla, del, hamilton operator
1D6A4	ı	ı	ı	ı	ı	ı	ı		<code>\imath^(p)</code>	mathematical italic small dotless i
1D6A5	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ	ȷ		<code>\jmath^(p)</code>	mathematical italic small dotless j
1D6C1	∇	∇	∇	∇	∇	∇	∇		<code>\mbfnabla</code>	mathematical bold nabla
1D6FB	∇	∇	∇	∇	∇	∇	∇		<code>\mitnabla</code>	mathematical italic nabla
1D735	∇	∇	∇	∇	∇	∇	∇		<code>\mbfitnabla</code>	mathematical bold italic nabla
1D76F		∇		∇	∇	∇	∇		<code>\mbfsansnabla</code>	mathematical sans-serif bold nabla
1D7A9		∇		∇	∇	∇	∇		<code>\mbfitsansnabla</code>	mathematical sans-serif bold italic nabla
1D7CA		Ɔ		Ɔ	Ɔ	Ɔ			<code>\mbfDigamma</code>	mathematical bold capital digamma
1D7CB		Ɔ				Ɔ			<code>\mbfdigamma</code>	mathematical bold small digamma