

# 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](#) (1588)

X [XITS Math](#) (2437)

C [Cambria Math](#) (2189)

A [Asana Math](#) (2259)

P [TeX Gyre Pagella Math](#) (1612)

E [Neo Euler](#) (579)

Symbols defined in Plain  $\TeX$  are indicated with <sup>(p)</sup> after their macro name.  $\LaTeX$  follows Plain  $\TeX$ , but defines a handful more, indicated with <sup>(l)</sup> Symbols defined in `amssymb` are indicated with <sup>(a)</sup>.

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# 1 Opening symbols, \mathopen

USV	M	X	C	A	P	E	Macro	Description
00028	(	(	(	(	(	(	\lparen	left parenthesis
0005B	[	[	[	[	[	[	\lbrack	left square bracket
0007B	{	{	{	{	{	{	\lbrace <sup>(p)</sup>	left curly bracket
0221A	√	√	√	√	√	√	\sqrt <sup>(p)</sup>	radical
0221B		$\sqrt[3]{}$	$\sqrt[3]{}$	$\sqrt[3]{}$		$\sqrt[3]{}$	\cuberoot	cube root
0221C		$\sqrt[4]{}$	$\sqrt[4]{}$	$\sqrt[4]{}$		$\sqrt[4]{}$	\fourthroot	fourth root
02308	⌈	⌈	⌈	⌈	⌈	⌈	\lceil <sup>(p)</sup>	left ceiling
0230A	⌋	⌋	⌋	⌋	⌋	⌋	\lfloor <sup>(p)</sup>	left floor
0231C	⌞	⌞	⌞	⌞	⌞		\ulcorner	upper left corner
0231E	⏟	⏟	⏟	⏟	⏟		\llcorner	lower left corner
023B0		⌋	⌋				\lmoustache <sup>(p)</sup>	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 <sup>(p)</sup>	mathematical left angle bracket
027EA	⌈	⌈	⌈	⌈	⌈		\lAngle	mathematical left double angle bracket
027EC		⌋		⌋			\lbrbrak	mathematical left white tortoise shell bracket
027EE	(	(	(	(	(	(	\lgroup <sup>(p)</sup>	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		⌈	⌈	⌈			\lparenltr	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	A	P	E	Macro	Description
00029	)	)	)	)	)	)	<code>\rparen</code>	right parenthesis
0005D	]	]	]	]	]	]	<code>\rbrack</code>	right square bracket
0007D	}	}	}	}	}	}	<code>\rbrace<sup>(p)</sup></code>	right curly bracket
02309	]	]	]	]	]	]	<code>\rceil<sup>(p)</sup></code>	right ceiling
0230B	]	]	]	]	]	]	<code>\rfloor<sup>(p)</sup></code>	right floor
0231D	⌋	⌋	⌋	⌋	⌋	⌋	<code>\urcorner</code>	upper right corner
0231F	⌋	⌋	⌋	⌋	⌋	⌋	<code>\lrcorner</code>	lower right corner
023B1	)	)	)	)	)	)	<code>\rmoustache<sup>(p)</sup></code>	upper right or lower left curly bracket section
02773	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rbrbrak</code>	light right tortoise shell bracket ornament
027C6	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rbag</code>	right s-shaped bag delimiter
027E7	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rBrack</code>	mathematical right white square bracket
027E9	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rangle<sup>(p)</sup></code>	mathematical right angle bracket
027EB	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rAngle</code>	mathematical right double angle bracket
027ED	⌋	⌋	⌋	⌋	⌋	⌋	<code>\Rbrbrak</code>	mathematical right white tortoise shell bracket
027EF	)	)	)	)	)	)	<code>\rgroup<sup>(p)</sup></code>	mathematical right flattened parenthesis
02984	)	)	)	)	)	)	<code>\rBrace</code>	right white curly bracket
02986	)	)	)	)	)	)	<code>\rParen</code>	right white parenthesis
02988	)	)	)	)	)	)	<code>\rrparenthesis</code>	z notation right image bracket
0298A	)	)	)	)	)	)	<code>\rrangle</code>	z notation right binding bracket
0298C	]	]	]	]	]	]	<code>\rbrackubar</code>	right square bracket with underbar
0298E	]	]	]	]	]	]	<code>\rbracklrtick</code>	right square bracket with tick in bottom corner
02990	]	]	]	]	]	]	<code>\rbrackurtick</code>	right square bracket with tick in top corner
02992	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rangledot</code>	right angle bracket with dot
02994	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rparengtr</code>	right arc greater-than bracket
02996	⌋	⌋	⌋	⌋	⌋	⌋	<code>\Rparenless</code>	double right arc less-than bracket
02998	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rblkbrbrak</code>	right black tortoise shell bracket
029D9	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rvzigzag</code>	right wiggly fence
029DB	⌋	⌋	⌋	⌋	⌋	⌋	<code>\Rvzigzag</code>	right double wiggly fence
029FD	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rcurvyangle</code>	right pointing curved angle bracket
03015	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rbrbrak</code>	right broken bracket
03019	⌋	⌋	⌋	⌋	⌋	⌋	<code>\Rbrbrak</code>	right white tortoise shell bracket

### 3 Fence symbols, `\mathfence`

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

### 4 Punctuation symbols, `\mathpunct`

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

### 5 ‘Over’ symbols, `\mathover`

USV	M	X	C	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	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{\square+\square}$	<code>\overparen</code>	top parenthesis (mathematical use)
023DE	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{\square+\square}$	<code>\overbrace<sup>(p)</sup></code>	top curly bracket (mathematical use)

### 6 ‘Under’ symbols, `\mathunder`

USV	M	X	C	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	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{\square+\square}$	<code>\underparen</code>	bottom parenthesis (mathematical use)
023DF	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{\square+\square}$	<code>\underbrace<sup>(p)</sup></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	A	P	E	Macro	Description
00300	â	â	â	â	â	â	\grave{a} <sup>(p)</sup>	grave accent
00301	á	á	á	á	á	á	\acute{a} <sup>(p)</sup>	acute accent
00302	â	â	â	â	â	â	\hat{a} <sup>(p)</sup>	circumflex accent
00303	ã	ã	ã	ã	ã	ã	\tilde{a} <sup>(p)</sup>	tilde
00304	ā	ā	ā	ā	ā	ā	\bar{a} <sup>(p)</sup>	macron
00305	ā	ā	ā	ā	ā	ā	\overbar	overbar embellishment
00306	ā	ā	ā	ā	ā	ā	\breve{a} <sup>(p)</sup>	breve
00307	â	â	â	â	â	â	\dot{a} <sup>(p)</sup>	dot above
00308	ä	ä	ä	ä	ä	ä	\ddot{a} <sup>(p)</sup>	dieresis
00309	â	â	â	â	â	â	\vhook	combining hook above
0030A	â	â	â	â	â	â	\ocirc	ring
0030C	č	č	č	č	č	č	\check{a} <sup>(p)</sup>	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{a} <sup>(p)</sup>	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{a} <sup>(p)</sup>	combining left arrow above
020D7	̫	̫	̫	̫	̫	̫	\vec{a} <sup>(p)</sup>	combining right arrow above
020DB	̬	̬	̬	̬	̬	̬	\dddots	combining three dots above
020DC	̭	̭	̭	̭	̭	̭	\ddddot	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	A	P	E	Macro	Description
00330	̲	̲	̲		̲	̲	\wideutilde	under tilde accent (multiple characters and non-spacing)
00331	̳	̳	̳		̳	̳	\underbar	combining macron below
020E8	̴	̴	̴	̴	̴	̴	\threeunderdot	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	A	P	E	Macro	Description
02140	$\overset{1}{\underset{0}{\Sigma}}$	$\overset{1}{\underset{0}{\Sigma}}$	$\overset{1}{\underset{0}{\Sigma}}$	$\overset{1}{\underset{0}{\Sigma}}$	$\overset{1}{\underset{0}{\Sigma}}$	$\overset{1}{\underset{0}{\Sigma}}$	<code>\Bbbsum</code>	double-struck n-ary summation
0220F	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	<code>\prod<sup>(p)</sup></code>	product operator
02210	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	<code>\coprod<sup>(p)</sup></code>	coproduct operator
02211	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	<code>\sum<sup>(p)</sup></code>	summation operator
0222B	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	<code>\int<sup>(p)</sup></code>	integral operator
0222C	$\overset{1}{\iint_0^1}$	$\overset{1}{\iint_0^1}$	$\overset{1}{\iint_0^1}$	$\overset{1}{\iint_0^1}$	$\overset{1}{\iint_0^1}$	$\overset{1}{\iint_0^1}$	<code>\iint</code>	double integral operator
0222D	$\overset{1}{\iiint_0^1}$	$\overset{1}{\iiint_0^1}$	$\overset{1}{\iiint_0^1}$	$\overset{1}{\iiint_0^1}$	$\overset{1}{\iiint_0^1}$	$\overset{1}{\iiint_0^1}$	<code>\iiint</code>	triple integral operator
0222E	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	<code>\oint<sup>(p)</sup></code>	contour integral operator
0222F	$\overset{1}{\oiint_0^1}$	$\overset{1}{\oiint_0^1}$	$\overset{1}{\oiint_0^1}$	$\overset{1}{\oiint_0^1}$	$\overset{1}{\oiint_0^1}$	$\overset{1}{\oiint_0^1}$	<code>\oiint</code>	double contour integral operator
02230	$\overset{1}{\oiiint_0^1}$	$\overset{1}{\oiiint_0^1}$	$\overset{1}{\oiiint_0^1}$	$\overset{1}{\oiiint_0^1}$	$\overset{1}{\oiiint_0^1}$	$\overset{1}{\oiiint_0^1}$	<code>\oiiint</code>	triple contour integral operator
02231	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	$\overset{1}{\int_0^1}$	<code>\intclockwise</code>	clockwise integral
02232	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	<code>\varointclockwise</code>	contour integral, clockwise
02233	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	$\overset{1}{\oint_0^1}$	<code>\ointctrlockwise</code>	contour integral, anticlockwise
022C0	$\overset{1}{\underset{0}{\bigwedge}}$	$\overset{1}{\underset{0}{\bigwedge}}$	$\overset{1}{\underset{0}{\bigwedge}}$	$\overset{1}{\underset{0}{\bigwedge}}$	$\overset{1}{\underset{0}{\bigwedge}}$	$\overset{1}{\underset{0}{\bigwedge}}$	<code>\bigwedge<sup>(p)</sup></code>	logical or operator
022C1	$\overset{1}{\underset{0}{\bigvee}}$	$\overset{1}{\underset{0}{\bigvee}}$	$\overset{1}{\underset{0}{\bigvee}}$	$\overset{1}{\underset{0}{\bigvee}}$	$\overset{1}{\underset{0}{\bigvee}}$	$\overset{1}{\underset{0}{\bigvee}}$	<code>\bigvee<sup>(p)</sup></code>	logical and operator
022C2	$\overset{1}{\underset{0}{\bigcap}}$	$\overset{1}{\underset{0}{\bigcap}}$	$\overset{1}{\underset{0}{\bigcap}}$	$\overset{1}{\underset{0}{\bigcap}}$	$\overset{1}{\underset{0}{\bigcap}}$	$\overset{1}{\underset{0}{\bigcap}}$	<code>\bigcap<sup>(p)</sup></code>	intersection operator
022C3	$\overset{1}{\underset{0}{\bigcup}}$	$\overset{1}{\underset{0}{\bigcup}}$	$\overset{1}{\underset{0}{\bigcup}}$	$\overset{1}{\underset{0}{\bigcup}}$	$\overset{1}{\underset{0}{\bigcup}}$	$\overset{1}{\underset{0}{\bigcup}}$	<code>\bigcup<sup>(p)</sup></code>	union operator

USV	M	X	C	A	P	E	Macro	Description
027D5							<code>\leftouterjoin</code>	left outer join
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<sup>(p)</sup></code>	n-ary circled dot operator
02A01							<code>\bigoplus<sup>(p)</sup></code>	n-ary circled plus operator
02A02							<code>\bigotimes<sup>(p)</sup></code>	n-ary circled times operator
02A03							<code>\bigcupdot</code>	n-ary union operator with dot
02A04							<code>\bigcupplus<sup>(p)</sup></code>	n-ary union operator with plus
02A05							<code>\bigsqcap</code>	n-ary square intersection operator
02A06							<code>\bigsqcup<sup>(p)</sup></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



USV	M	X	C	A	P	E	Macro	Description
O2A0A		$\sum_0^1$	$\sum_0^1$	$\sum_0^1$			<code>\modtwosum</code>	modulo two sum
O2A0B		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\sumint</code>	summation with integral
O2A0C	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	<code>\iiiint</code>	quadruple integral operator
O2A0D		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intbar</code>	finite part integral
O2A0E		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intBar</code>	integral with double stroke
O2A0F		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\fint</code>	integral average with slash
O2A10		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\cirfnint</code>	circulation function
O2A11	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	<code>\awint</code>	anticlockwise integration
O2A12		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\rppolint</code>	line integration with rectangular path around pole
O2A13		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\scpolint</code>	line integration with semicircular path around pole
O2A14		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\npolint</code>	line integration not including the pole
O2A15		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\pointint</code>	integral around a point operator
O2A16		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\sqint</code>	quaternion integral operator
O2A17		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intlarhk</code>	integral with leftwards arrow with hook
O2A18		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intx</code>	integral with times sign
O2A19		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intcap</code>	integral with intersection
O2A1A		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\intcup</code>	integral with union
O2A1B		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\upint</code>	integral with overbar
O2A1C		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\lowint</code>	integral with underbar
O2A1D		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\Join</code>	join
O2A1E		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\bigtriangleleft</code>	large left triangle operator
O2A1F		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\zcmp</code>	z notation schema composition
O2A20		$\int_0^1$	$\int_0^1$	$\int_0^1$			<code>\zpipe</code>	z notation schema piping

USV	M	X	C	A	P	E	Macro	Description
02A21							<code>\zproject</code>	z notation schema projection
02AFC							<code>\biginterleave</code>	large triple vertical bar operator
02AFF							<code>\bigtalloblong</code>	n-ary white vertical bar

## 10 Binary relations, `\mathbin`

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

USV	M	X	C	A	P	E	Macro	Description
02298							<code>\oslash<sup>(p)</sup></code>	solidus in circle
02299							<code>\odot<sup>(p)</sup></code>	middle dot in circle
0229A							<code>\circledcirc<sup>(a)</sup></code>	small circle in circle
0229B							<code>\circledast<sup>(a)</sup></code>	asterisk in circle
0229C							<code>\circledequal</code>	equal in circle
0229D							<code>\circleddash<sup>(a)</sup></code>	hyphen in circle
0229E							<code>\boxplus<sup>(a)</sup></code>	plus sign in box
0229F							<code>\boxminus<sup>(a)</sup></code>	minus sign in box
022A0							<code>\boxtimes<sup>(a)</sup></code>	multiply sign in box
022A1							<code>\boxdot<sup>(a)</sup></code>	/dotsquare /boxdot b: small dot in box
022BA							<code>\intercal<sup>(a)</sup></code>	intercal
022BB							<code>\veebar<sup>(a)</sup></code>	logical or, bar below (large vee); exclusive disjunction
022BC							<code>\barwedge<sup>(a)</sup></code>	bar, wedge (large wedge)
022BD							<code>\barvee</code>	bar, vee (large vee)
022C4							<code>\smwhtdiamond</code>	white diamond
022C5							<code>\cdot<sup>(p)</sup></code>	small middle dot
022C6							<code>\star<sup>(p)</sup></code>	small star, filled, low
022C7							<code>\divideontimes<sup>(a)</sup></code>	division on times
022C9							<code>\ltimes<sup>(a)</sup></code>	times sign, left closed
022CA							<code>\rtimes<sup>(a)</sup></code>	times sign, right closed
022CB							<code>\leftthreetimes<sup>(a)</sup></code>	left semidirect product
022CC							<code>\rightthreetimes<sup>(a)</sup></code>	right semidirect product
022CE							<code>\curlyvee<sup>(a)</sup></code>	curly logical or
022CF							<code>\curlywedge<sup>(a)</sup></code>	curly logical and
022D2							<code>\Cap<sup>(a)</sup></code>	/cap /doublecap b: double intersection
022D3							<code>\Cup<sup>(a)</sup></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<sup>(p)</sup></code>	big up triangle, open
025B7							<code>\triangleright<sup>(p)</sup></code>	(large) right triangle, open; z notation range restriction
025C1							<code>\triangleleft<sup>(p)</sup></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>\conccavediamond</code>	white concave-sided diamond
027E2							<code>\conccavediamondtickleft</code>	white concave-sided diamond with leftwards tick
027E3							<code>\conccavediamondtickright</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

USV	M	X	C	A	P	E	Macro	Description
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
029C8							<code>\boxbox</code>	squared square
029CD							<code>\triangleserifs</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>\mdlgbklozenge</code>	black lozenge
029F5							<code>\setminus<sup>(p)</sup></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>\oplushrim</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>\otimeshat</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	II				II		<code>\amalg<sup>(p)</sup></code>	amalgamation or coproduct
02A40							<code>\capdot</code>	intersection with dot
02A41							<code>\uminus</code>	union with minus sign

USV	M	X	C	A	P	E	Macro	Description
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
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>\bigslopedvee</code>	sloping large or
02A58							<code>\bigslopedwedge</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<sup>(a)</sup></code>	logical and with double overbar
02A5F							<code>\wedgeebar</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	A	P	E	Macro	Description
00023	#	#	#	#	#	#	\mathoctothorpe	number sign
00024	\$	\$	\$	\$	\$	\$	\mathdollar	dollar sign
00025	%	%	%	%	%	%	\mathpercent	percent sign
00026	&	&	&	&	&	&	\mathampersand	ampersand
0002E	.	.	.	.	.	.	\mathperiod	full stop, period
0002F	/	/	/	/	/	/	\mathslash	solidus
0003F	?	?	?	?	?	?	\mathquestion	question mark
00040	@	@	@	@	@	@	\mathatsign	commercial at
0005C	\	\	\	\	\	\	\backslash <sup>(p)</sup>	reverse solidus
000A3	£	£	£	£	£	£	\mathsterling	pound sign
000A5	¥	¥	¥	¥	¥	¥	\mathyen	yen sign
000AC	¬	¬	¬	¬	¬	¬	\neg <sup>(p)</sup>	/neg /Nnot not sign
001B5		Z	Z				\Zbar	impedance (latin capital letter z with stroke)
003D8		Ϟ	Ϟ				\upoldKoppa	greek letter archaic koppa
003D9		ϟ	ϟ				\upoldkoppa	greek small letter archaic koppa
003F6		ϵ					\upbackepsilon	greek reversed lunate epsilon symbol
02015	—	—	—	—	—	—	\horizbar	horizontal bar
02017	=	=	=	=	=	=	\twolowline	double low line (spacing)
02025		..	..	..	..	..	\enleadertwodots	double baseline dot (en leader)
02026	…	…	…	…	…	…	\unicodeellipsis	ellipsis (horizontal)
02032	′	′	′	′	′	′	\prime <sup>(p)</sup>	prime or minute, not superscripted
02033	″	″	″	″	″	″	\dprime	double prime or second, not superscripted
02034	‴	‴	‴	‴	‴	‴	\trprime	triple prime (not superscripted)
02035	′	′	′	′	′	′	\backprime <sup>(a)</sup>	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	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	\Planckconst	planck constant
02127	℧	℧	℧	℧	℧	℧	\mho	conductance
02132		ƒ	ƒ	ƒ			\Finv <sup>(a)</sup>	turned capital f
0213C	π	π	π	π	π	π	\Bbbpi	double-struck small pi
02141		Ɔ	Ɔ	Ɔ			\Game <sup>(a)</sup>	turned sans-serif capital g
02142		⌋	⌋	⌋			\sansLturned	turned sans-serif capital l
02143		⌑	⌑	⌑			\sansLmirrored	reversed sans-serif capital l
02144		ʎ	ʎ	ʎ			\Yup	turned sans-serif capital y
02145	ℳ	ℳ	ℳ	ℳ	ℳ	ℳ	\mitBbbD	double-struck italic capital d
02146	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	\mitBbbd	double-struck italic small d

USV	M	X	C	A	P	E	Macro	Description
02147	$e$	$e$	$e$	$e$	$e$		<code>\mitBbbe</code>	double-struck italic small e
02148	$i$	$i$	$i$	$i$	$i$		<code>\mitBbbi</code>	double-struck italic small i
02149	$j$	$j$	$j$	$j$	$j$		<code>\mitBbbj</code>	double-struck italic small j
0214A		$\mathbb{P}$	$\mathbb{P}$				<code>\PropertyLine</code>	property line
021A8		$\updownarrow$	$\updownarrow$	$\updownarrow$			<code>\updownarrowarrow</code>	up down arrow with base (perpendicular)
021B4	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$			<code>\linefeed</code>	rightwards arrow with corner downwards
021B5	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$			<code>\carriagereturn</code>	downwards arrow with corner leftward = carriage return
021B8		$\bar{\nwarrow}$	$\bar{\nwarrow}$	$\bar{\nwarrow}$			<code>\barovernorthwestarrow</code>	north west arrow to long bar
021B9		$\bar{\leftarrow}\bar{\rightarrow}$	$\bar{\leftarrow}\bar{\rightarrow}$	$\bar{\leftarrow}\bar{\rightarrow}$			<code>\barleftarrowrightarrowbar</code>	leftwards arrow to bar over rightwards arrow to bar
021BA	$\circlearrowleft$	$\circlearrowleft$	$\circlearrowleft$	$\circlearrowleft$			<code>\acwopencirclearrow</code>	anticlockwise open circle arrow
021BB	$\circlearrowright$	$\circlearrowright$	$\circlearrowright$	$\circlearrowright$			<code>\cwopencirclearrow</code>	clockwise open circle arrow
021DE		$\Updownarrow$	$\Updownarrow$	$\Updownarrow$			<code>\nHuparrow</code>	upwards arrow with double stroke
021DF		$\Downarrow$	$\Downarrow$	$\Downarrow$			<code>\nHdownarrow</code>	downwards arrow with double stroke
021E0		$\dashleftarrow$	$\dashleftarrow$	$\dashleftarrow$			<code>\leftdasharrow</code>	leftwards dashed arrow
021E1		$\dashrightarrow$	$\dashrightarrow$	$\dashrightarrow$			<code>\updasharrow</code>	upwards dashed arrow
021E2		$\dashrightarrow$	$\dashrightarrow$	$\dashrightarrow$			<code>\rightdasharrow</code>	rightwards dashed arrow
021E3		$\dashrightarrow$	$\dashrightarrow$	$\dashrightarrow$			<code>\downdasharrow</code>	downwards dashed arrow
021E6	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$			<code>\leftwhitearrow</code>	leftwards white arrow
021E7	$\uparrow$	$\uparrow$	$\uparrow$	$\uparrow$			<code>\upwhitearrow</code>	upwards white arrow
021E8	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$			<code>\rightwhitearrow</code>	rightwards white arrow
021E9	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$			<code>\downwhitearrow</code>	downwards white arrow
021EA		$\uparrow$	$\uparrow$	$\uparrow$			<code>\whitearrowupfrombar</code>	upwards white arrow from bar
02200	$\forall$	$\forall$	$\forall$	$\forall$	$\forall$	$\forall$	<code>\forall</code> <sup>(p)</sup>	for all
02201	$\complement$	$\complement$	$\complement$	$\complement$	$\complement$	$\complement$	<code>\complement</code> <sup>(a)</sup>	complement sign
02203	$\exists$	$\exists$	$\exists$	$\exists$	$\exists$	$\exists$	<code>\exists</code> <sup>(p)</sup>	at least one exists
02204	$\nexists$	$\nexists$	$\nexists$	$\nexists$	$\nexists$	$\nexists$	<code>\nexists</code> <sup>(a)</sup>	negated exists
02205	$\emptyset$	$\emptyset$	$\emptyset$	$\emptyset$	$\emptyset$	$\emptyset$	<code>\varnothing</code> <sup>(a)</sup>	circle, slash
02206	$\Delta$	$\Delta$	$\Delta$	$\Delta$	$\Delta$	$\Delta$	<code>\increment</code>	laplacian (delta; nabla <sup>2</sup> )
0220E	$\blacksquare$	$\blacksquare$	$\blacksquare$	$\blacksquare$	$\blacksquare$	$\blacksquare$	<code>\QED</code>	end of proof
0221E	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$	<code>\infty</code> <sup>(p)</sup>	infinity
0221F	$\rightangle$	$\rightangle$	$\rightangle$	$\rightangle$	$\rightangle$	$\rightangle$	<code>\rightangle</code>	right (90 degree) angle
02220	$\angle$	$\angle$	$\angle$	$\angle$	$\angle$	$\angle$	<code>\angle</code> <sup>(p)</sup>	angle
02221	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	<code>\measuredangle</code> <sup>(a)</sup>	angle-measured
02222	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	<code>\sphericalangle</code> <sup>(a)</sup>	angle-spherical
02234	$\therefore$	$\therefore$	$\therefore$	$\therefore$	$\therefore$	$\therefore$	<code>\therefore</code> <sup>(a)</sup>	therefore
02235	$\because$	$\because$	$\because$	$\because$	$\because$	$\because$	<code>\because</code> <sup>(a)</sup>	because
0223F	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	<code>\sinewave</code>	sine wave
022A4	$\top$	$\top$	$\top$	$\top$	$\top$	$\top$	<code>\top</code> <sup>(p)</sup>	top
022A5	$\perp$	$\perp$	$\perp$	$\perp$	$\perp$	$\perp$	<code>\bot</code> <sup>(p)</sup>	bottom
022B9	$\dagger$	$\dagger$	$\dagger$	$\dagger$			<code>\hermitmatrix</code>	hermitian conjugate matrix
022BE	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	$\sphericalangle$	<code>\measuredrightangle</code>	right angle-measured [with arc]
022BF	$\triangle$	$\triangle$	$\triangle$	$\triangle$			<code>\varlrrtriangle</code>	right triangle
022EF	$\cdots$	$\cdots$	$\cdots$	$\cdots$	$\cdots$	$\cdots$	<code>\unicodcdots</code>	three dots, centered
02300	$\oslash$	$\oslash$	$\oslash$	$\oslash$			<code>\diameter</code>	diameter sign
02302		$\square$	$\square$				<code>\house</code>	house
02310	$\neg$	$\neg$	$\neg$	$\neg$	$\neg$	$\neg$	<code>\invnot</code>	reverse not
02311		$\square$	$\square$				<code>\sqlozenge</code>	square lozenge
02312		$\curvearrowright$	$\curvearrowright$				<code>\profline</code>	profile of a line
02313		$\curvearrowright$	$\curvearrowright$				<code>\profsurf</code>	profile of a surface
02317		$\#$	$\#$				<code>\viewdata</code>	viewdata square

USV	M	X	C	A	P	E	Macro	Description
02319							<code>\turnednot</code>	turned not sign
02320							<code>\inttop</code>	top half integral
02321							<code>\intbottom</code>	bottom half integral
0232C							<code>\varhexagonlrbonds</code>	six carbon ring, corner down, double bonds lower right etc
02332							<code>\conictaper</code>	conical taper
02336							<code>\topbot</code>	top and bottom
02340							<code>\APLnotbackslash</code>	apl functional symbol backslash bar
02353							<code>\APLboxupcaret</code>	boxed up caret
02370							<code>\APLboxquestion</code>	boxed question mark
0237C							<code>\rangledownzigzagarrow</code>	right angle with downwards zigzag arrow
02394							<code>\hexagon</code>	horizontal benzene ring [hexagon flat open]
0239B							<code>\lparenueud</code>	left parenthesis upper hook
0239C							<code>\lparenextender</code>	left parenthesis extension
0239D							<code>\lparenlend</code>	left parenthesis lower hook
0239E							<code>\rparenueud</code>	right parenthesis upper hook
0239F							<code>\rparenextender</code>	right parenthesis extension
023A0							<code>\rparenlend</code>	right parenthesis lower hook
023A1							<code>\lbrackueud</code>	left square bracket upper corner
023A2							<code>\lbrackextender</code>	left square bracket extension
023A3							<code>\lbracklend</code>	left square bracket lower corner
023A4							<code>\rbrackueud</code>	right square bracket upper corner
023A5							<code>\rbrackextender</code>	right square bracket extension
023A6							<code>\rbracklend</code>	right square bracket lower corner
023A7							<code>\lbraceueud</code>	left curly bracket upper hook
023A8							<code>\lbracemid</code>	left curly bracket middle piece
023A9							<code>\lbracelend</code>	left curly bracket lower hook
023AA							<code>\vbraceextender</code>	curly bracket extension
023AB							<code>\rbraceueud</code>	right curly bracket upper hook
023AC							<code>\rbracemid</code>	right curly bracket middle piece
023AD							<code>\rbracelend</code>	right curly bracket lower hook



USV	M	X	C	A	P	E	Macro	Description
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>\l vboxline</code>	left vertical box line
023B9							<code>\r vboxline</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
025A8							<code>\squareneswfill</code>	square, ne-to-sw rule filled
025A9							<code>\squarecrossfill</code>	square with diagonal crosshatch fill
025AA							<code>\smbllksquare</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

USV	M	X	C	A	P	E	Macro	Description
025B2							<code>\bigblacktriangleup</code>	ox25b2 6 6d black up-pointing triangle
025B4							<code>\blacktriangle<sup>(a)</sup></code>	up triangle, filled
025B6							<code>\blacktriangleright<sup>(a)</sup></code>	(large) right triangle, filled
025B8							<code>\smallblacktriangleright</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<sup>(p)</sup></code>	big down triangle, open
025BE							<code>\blacktriangledown<sup>(a)</sup></code>	down triangle, filled
025BF							<code>\triangledown<sup>(a)</sup></code>	down triangle, open
025C0							<code>\blacktriangleleft<sup>(a)</sup></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>\mdlgbldiamond</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>	fish-eye
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>\mdlgbkcircle</code>	circle, filled
025D0							<code>\circlelefthalfblack</code>	circle, filled left half [harvey ball]
025D1							<code>\circle righthalfblack</code>	circle, filled right half
025D2							<code>\circlebottomhalfblack</code>	circle, filled bottom half
025D3							<code>\circletophalfblack</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
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>\lblacktriangle</code>	lower right triangle, filled
025E3							<code>\lblacktriangle</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>\square rightrightblack</code>	square, filled right half

USV	M	X	C	A	P	E	Macro	Description
025E9							<code>\squareulblack</code>	square, filled top left corner
025EA							<code>\squarelrbblack</code>	square, filled bottom right corner
025EC							<code>\triangleleftdot</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>\mdsmbllksquare</code>	black medium small square
025FF							<code>\lrtriangle</code>	lower right triangle
02605							<code>\bigstar<sup>(a)</sup></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<sup>(p)</sup></code>	spades suit symbol
02661							<code>\heartsuit<sup>(p)</sup></code>	heart suit symbol
02662							<code>\diamondsuit<sup>(p)</sup></code>	diamond suit symbol
02663							<code>\clubsuit<sup>(p)</sup></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)
02669							<code>\quaternote</code>	music note (sung text sign)
0266A							<code>\eighthnote</code>	eighth note
0266B							<code>\twonotes</code>	beamed eighth notes
0266D							<code>\flat<sup>(p)</sup></code>	musical flat
0266E							<code>\natural<sup>(p)</sup></code>	music natural
0266F							<code>\sharp<sup>(p)</sup></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

USV	M	X	C	A	P	E	Macro	Description
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>\msmwhtcircle</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>\mdsmbkcircle</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
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

USV	M	X	C	A	P	E	Macro	Description
029A9							<code>\measanglelutow</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>\emptysetwithbar</code>	empty set with overbar
029B2							<code>\emptysetwithcirc</code>	empty set with small circle above
029B3							<code>\emptysetwitharr</code>	empty set with right arrow above
029B4							<code>\emptysetwitharrl</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>\uparrowthroughcircle</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
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

USV	M	X	C	A	P	E	Macro	Description
02B15							\squarellblack	square with lower left diagonal half black
02B16							\diamondleftblack	diamond with left half black
02B17							\diamondrightblack	diamond with right half black
02B18							\diamondtopblack	diamond with top half black
02B19							\diamondbotblack	diamond with bottom half black
02B1A							\dottedsquare	dotted square
02B1B							\lgblksquare	black large square
02B1C							\lgwhtsquare	white large square
02B1D							\vysmblksquare	black very small square
02B1E							\vysmwhtsquare	white very small square
02B1F							\pentagonblack	black pentagon
02B20							\pentagon	white pentagon
02B21							\varhexagon	white hexagon
02B22							\varhexagonblack	black hexagon
02B23							\hexagonblack	horizontal black hexagon
02B24							\lgblkcircle	black large circle
02B25							\mdblkdiamond	black medium diamond
02B26							\mdwhtdiamond	white medium diamond
02B27							\mdblklzenge	black medium lozenge
02B28							\mdwhtlozenge	white medium lozenge
02B29							\sdblkdiamond	black small diamond
02B2A							\sdblklzenge	black small lozenge
02B2B							\smwhtlozenge	white small lozenge
02B2C							\blkhorzoval	black horizontal ellipse
02B2D							\whthorzoval	white horizontal ellipse
02B2E							\blkvertoval	black vertical ellipse
02B2F							\whtvertoval	white vertical ellipse
02B50							\medwhitestar	white medium star
02B51							\medblackstar	black medium star
02B52							\smwhitestar	white small star
02B53							\rightpentagonblack	black right-pointing pentagon
02B54							\rightpentagon	white right-pointing pentagon
03012							\postalmark	postal mark
03030							\hzigzag	zigzag
1D7CE	0	0	0	0	0	0	\mbfzero	mathematical bold digit 0
1D7CF	1	1	1	1	1	1	\mbfone	mathematical bold digit 1
1D7D0	2	2	2	2	2	2	\mbftwo	mathematical bold digit 2
1D7D1	3	3	3	3	3	3	\mbfthree	mathematical bold digit 3
1D7D2	4	4	4	4	4	4	\mbffour	mathematical bold digit 4
1D7D3	5	5	5	5	5	5	\mbffive	mathematical bold digit 5
1D7D4	6	6	6	6	6	6	\mbfsix	mathematical bold digit 6
1D7D5	7	7	7	7	7	7	\mbfseven	mathematical bold digit 7
1D7D6	8	8	8	8	8	8	\mbfeight	mathematical bold digit 8
1D7D7	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

USV	M	X	C	A	P	E	Macro	Description
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		\msanszero	mathematical sans-serif digit 0
1D7E3	1	1	1	1	1		\msansone	mathematical sans-serif digit 1
1D7E4	2	2	2	2	2		\msanstwo	mathematical sans-serif digit 2
1D7E5	3	3	3	3	3		\msansthree	mathematical sans-serif digit 3
1D7E6	4	4	4	4	4		\msansfour	mathematical sans-serif digit 4
1D7E7	5	5	5	5	5		\msansfive	mathematical sans-serif digit 5
1D7E8	6	6	6	6	6		\msanssix	mathematical sans-serif digit 6
1D7E9	7	7	7	7	7		\msansseven	mathematical sans-serif digit 7
1D7EA	8	8	8	8	8		\msanseight	mathematical sans-serif digit 8
1D7EB	9	9	9	9	9		\msansnine	mathematical sans-serif digit 9
1D7EC	0	0	0	0	0		\mbfsanszero	mathematical sans-serif bold digit 0
1D7ED	1	1	1	1	1		\mbfsansone	mathematical sans-serif bold digit 1
1D7EE	2	2	2	2	2		\mbfsanstwo	mathematical sans-serif bold digit 2
1D7EF	3	3	3	3	3		\mbfsansthree	mathematical sans-serif bold digit 3
1D7F0	4	4	4	4	4		\mbfsansfour	mathematical sans-serif bold digit 4
1D7F1	5	5	5	5	5		\mbfsansfive	mathematical sans-serif bold digit 5
1D7F2	6	6	6	6	6		\mbfsanssix	mathematical sans-serif bold digit 6
1D7F3	7	7	7	7	7		\mbfsansseven	mathematical sans-serif bold digit 7
1D7F4	8	8	8	8	8		\mbfsanseight	mathematical sans-serif bold digit 8
1D7F5	9	9	9	9	9		\mbfsansnine	mathematical sans-serif bold digit 9
1D7F6	0	0	0	0	0		\mttzero	mathematical monospace digit 0
1D7F7	1	1	1	1	1		\mttone	mathematical monospace digit 1
1D7F8	2	2	2	2	2		\mtttwo	mathematical monospace digit 2
1D7F9	3	3	3	3	3		\mttthree	mathematical monospace digit 3
1D7FA	4	4	4	4	4		\mttfour	mathematical monospace digit 4
1D7FB	5	5	5	5	5		\mttfive	mathematical monospace digit 5
1D7FC	6	6	6	6	6		\mttsix	mathematical monospace digit 6
1D7FD	7	7	7	7	7		\mttseven	mathematical monospace digit 7
1D7FE	8	8	8	8	8		\mtteight	mathematical monospace digit 8
1D7FF	9	9	9	9	9		\mttnine	mathematical monospace digit 9

## 12 Relation symbols, `\mathrel`

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



USV	M	X	C	A	P	E	Macro	Description
021C2							<code>\downharpoonright<sup>(a)</sup></code>	down harpoon-right
021C3							<code>\downharpoonleft<sup>(a)</sup></code>	down harpoon-left
021C4							<code>\rightleftarrows<sup>(a)</sup></code>	right arrow over left arrow
021C5							<code>\updownarrows</code>	up arrow, down arrow
021C6							<code>\leftrightarrows<sup>(a)</sup></code>	left arrow over right arrow
021C7							<code>\leftleftarrows<sup>(a)</sup></code>	two left arrows
021C8							<code>\upparrows<sup>(a)</sup></code>	two up arrows
021C9							<code>\rightrightarrows<sup>(a)</sup></code>	two right arrows
021CA							<code>\downdownarrows<sup>(a)</sup></code>	two down arrows
021CB							<code>\leftrightharpoons<sup>(a)</sup></code>	left harpoon over right
021CC							<code>\rightleftharpoons<sup>(l)</sup></code>	right harpoon over left
021CD							<code>\nLeftarrow<sup>(a)</sup></code>	not implied by
021CE							<code>\nLeftrightarrow<sup>(a)</sup></code>	not left and right double arrows
021CF							<code>\nRightarrow<sup>(a)</sup></code>	not implies
021D0							<code>\Leftarrow<sup>(p)</sup></code>	is implied by
021D1							<code>\Uparrow<sup>(p)</sup></code>	up double arrow
021D2							<code>\Rightarrow<sup>(p)</sup></code>	implies
021D3							<code>\Downarrow<sup>(p)</sup></code>	down double arrow
021D4							<code>\Leftrightarrow<sup>(p)</sup></code>	left and right double arrow
021D5							<code>\Updownarrow<sup>(p)</sup></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>\Swarrow</code>	sw pointing double arrow
021DA							<code>\Lleftarrow<sup>(a)</sup></code>	left triple arrow
021DB							<code>\Rrightarrow<sup>(a)</sup></code>	right triple arrow
021DC							<code>\leftsquigarrow</code>	leftwards squiggle arrow
021DD							<code>\rightsquigarrow<sup>(a)</sup></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>\righthreearrows</code>	three rightwards arrows
021F7							<code>\nvleftarrow</code>	leftwards arrow with vertical stroke
021F8							<code>\nvrightarrow</code>	rightwards arrow with vertical stroke
021F9							<code>\nvleftrightarrow</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<sup>(p)</sup></code>	set membership, variant
02209							<code>\notin<sup>(l)</sup></code>	negated set membership
0220A							<code>\smallin</code>	set membership (small set membership)
0220B							<code>\ni<sup>(p)</sup></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<sup>(p)</sup></code>	is proportional to
02223							<code>\mid<sup>(p)</sup></code>	/mid r:

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

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

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022AF							<code>\nVDash<sup>(a)</sup></code>	not double vert, double dash
022B0							<code>\prurel</code>	element precedes under relation
022B1							<code>\scurel</code>	succeeds under relation
022B2							<code>\vartriangleleft<sup>(a)</sup></code>	left triangle, open, variant
022B3							<code>\vartriangleright<sup>(a)</sup></code>	right triangle, open, variant
022B4							<code>\trianglelefteq<sup>(a)</sup></code>	left triangle, equals
022B5							<code>\trianglerighteq<sup>(a)</sup></code>	right triangle, equals
022B6							<code>\origof</code>	original of
022B7							<code>\imageof</code>	image of
022B8							<code>\multimap<sup>(a)</sup></code>	/multimap a:
022C8							<code>\bowtie<sup>(p)</sup></code>	bowtie
022CD							<code>\backsimeq<sup>(a)</sup></code>	reverse similar, equals
022D0							<code>\Subset<sup>(a)</sup></code>	double subset
022D1							<code>\Supset<sup>(a)</sup></code>	double superset
022D4							<code>\pitchfork<sup>(a)</sup></code>	pitchfork
022D5							<code>\equalparallel</code>	parallel, equal; equal or parallel
022D6							<code>\lessdot<sup>(a)</sup></code>	less than, with dot
022D7							<code>\gtrdot<sup>(a)</sup></code>	greater than, with dot
022D8							<code>\lll<sup>(a)</sup></code>	/II /III /IIless r: triple less-than
022D9							<code>\ggg<sup>(a)</sup></code>	/ggg /gg /gggtr r: triple greater-than
022DA							<code>\lesseqgtr<sup>(a)</sup></code>	less, equals, greater
022DB							<code>\gtreqless<sup>(a)</sup></code>	greater, equals, less
022DC							<code>\eqless</code>	equal-or-less
022DD							<code>\eqgtr</code>	equal-or-greater
022DE							<code>\curlyeqprec<sup>(a)</sup></code>	curly equals, precedes
022DF							<code>\curlyeqsucc<sup>(a)</sup></code>	curly equals, succeeds
022E0							<code>\nprecourlyeq</code>	not precedes, curly equals
022E1							<code>\nsuccourlyeq</code>	not succeeds, curly equals
022E2							<code>\nsqsubseteq</code>	not, square subset, equals
022E3							<code>\nsqsupseteq</code>	not, square superset, equals
022E4							<code>\sqsubseteqneq</code>	square subset, not equals
022E5							<code>\sqsupsetneq</code>	square superset, not equals
022E6							<code>\lnsim<sup>(a)</sup></code>	less, not similar
022E7							<code>\gnsim<sup>(a)</sup></code>	greater, not similar
022E8							<code>\precnsim<sup>(a)</sup></code>	precedes, not similar
022E9							<code>\succnsim<sup>(a)</sup></code>	succeeds, not similar
022EA							<code>\nvartriangleleft</code>	not left triangle
022EB							<code>\nvartriangleright</code>	not right triangle
022EC							<code>\ntrianglelefteq<sup>(a)</sup></code>	not left triangle, equals
022ED							<code>\ntrianglerighteq<sup>(a)</sup></code>	not right triangle, equals
022EE							<code>\vdots<sup>(p)</sup></code>	vertical ellipsis
022FO							<code>\adots</code>	three dots, ascending
022F1							<code>\ddots<sup>(p)</sup></code>	three dots, descending
022F2							<code>\disin</code>	element of with long horizontal stroke
022F3							<code>\varisin</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	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<sup>(p)</sup></code>	down curve
02323	⤴	⤴	⤴	⤴	⤴		<code>\smile<sup>(p)</sup></code>	up curve
0233F		⤵	⤵				<code>\APLnotslash</code>	solidus, bar through (apl functional symbol slash bar)
025B5		△					<code>\vartriangle<sup>(a)</sup></code>	/triangle - up triangle, open
027C2	⊥	⊥		⊥	⊥		<code>\perp<sup>(p)</sup></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>\longdashv</code>	long right tack
027DF		⊞	⊞	⊞			<code>\cirbot</code>	up tack with circle above
027F0		⤴	⤴	⤴			<code>\Uparrow</code>	upwards quadruple arrow
027F1		⤵	⤵	⤵			<code>\Downarrow</code>	downwards quadruple arrow
027F2		⤴	⤴	⤴			<code>\acwgapcirclearrow</code>	anticlockwise gapped circle arrow
027F3		⤵	⤵	⤵			<code>\cwgapcirclearrow</code>	clockwise gapped circle arrow
027F4	⊕	⊕	⊕	⊕	⊕		<code>\rightarrowonoplus</code>	right arrow with circled plus
027F5	←	←	←	←	←	←	<code>\longleftarrow<sup>(p)</sup></code>	long leftwards arrow
027F6	→	→	→	→	→	→	<code>\longrightarrow<sup>(p)</sup></code>	long rightwards arrow
027F7	↔	↔	↔	↔	↔	↔	<code>\longleftrightarrow<sup>(p)</sup></code>	long left right arrow
027F8	⇐	⇐	⇐	⇐	⇐	⇐	<code>\Llongleftarrow<sup>(p)</sup></code>	long leftwards double arrow
027F9	⇒	⇒	⇒	⇒	⇒	⇒	<code>\Llongrightarrow<sup>(p)</sup></code>	long rightwards double arrow
027FA	↔	↔	↔	↔	↔	↔	<code>\Llongleftrightarrow<sup>(p)</sup></code>	long left right double arrow
027FB	←	←	←	←	←	←	<code>\longmapsfrom</code>	long leftwards arrow from bar
027FC	→	→	→	→	→	→	<code>\longmapsto<sup>(p)</sup></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	A	P	E	Macro	Description
0290A							<code>\Uparrow</code>	upwards triple arrow
0290B							<code>\Downarrow</code>	downwards triple arrow
0290C							<code>\leftbkarrow</code>	leftwards double dash arrow
0290D							<code>\rightbkarrow</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>\rightarrowblackdiamond</code>	rightwards arrow to black diamond
0291F							<code>\diamondleftarrowbar</code>	leftwards arrow from bar to black diamond
02920							<code>\barrightarrowblackdiamond</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>\rightarrowcurvedarrow</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>\cwrighararrow</code>	right-side arc clockwise arrow
02939							<code>\acwleftararrow</code>	left-side arc anticlockwise arrow
0293A							<code>\acwoverararrow</code>	top arc anticlockwise arrow
0293B							<code>\acwunderararrow</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	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>\leftrightharpoontdownup</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>\leftrightharpoonowdown</code>	left barb down right barb down harpoon
02951							<code>\updownharpoonleftleft</code>	up barb left down barb left harpoon
02952							<code>\barleftarrowup</code>	leftwards harpoon with barb up to bar
02953							<code>\barrightarrowup</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>\barleftarrowdown</code>	leftwards harpoon with barb down to bar
02957							<code>\barrightarrowdown</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>\leftarrowupbar</code>	leftwards harpoon with barb up from bar
0295B							<code>\barrightarrowup</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>\leftarrowdownbar</code>	leftwards harpoon with barb down from bar
0295F							<code>\barrightarrowdown</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>\leftarrowpoonsupdown</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>\rightarrowpoonsupdown</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>\leftarrowupdash</code>	leftwards harpoon with barb up above long dash
0296B							<code>\dashleftarrowdown</code>	leftwards harpoon with barb down below long dash
0296C							<code>\rightarrowupdash</code>	rightwards harpoon with barb up above long dash
0296D							<code>\dashrightarrowdown</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>\rightarrowimply</code>	right double arrow with rounded head
02971							<code>\equalrightarrow</code>	equals sign above rightwards arrow









usv	M	X	C	A	P	E	Macro	Description
02972		$\tilde{\rightarrow}$	$\rightarrow$	$\rightarrow$			<code>\similarrightarrow</code>	tilde operator above rightwards arrow
02973		$\leftarrow\tilde{}$	$\leftarrow$	$\leftarrow$			<code>\leftarrowssimilar</code>	leftwards arrow above tilde operator
02974		$\rightarrow\tilde{}$	$\rightarrow$	$\rightarrow$			<code>\rightarrowssimilar</code>	rightwards arrow above tilde operator
02975		$\rightarrow\approx$	$\rightarrow$	$\rightarrow$			<code>\rightarrowarrowapprox</code>	rightwards arrow above almost equal to
02976		$\leftarrow\lessgtr$	$\leftarrow$	$\leftarrow$			<code>\ltlarr</code>	less-than above leftwards arrow
02977		$\leftarrow\lessgtr$	$\leftarrow$	$\leftarrow$			<code>\leftarrowless</code>	leftwards arrow through less-than
02978		$\rightarrow\gtrless$	$\rightarrow$	$\rightarrow$			<code>\gtrarr</code>	greater-than above rightwards arrow
02979		$\rightarrow\subset$	$\rightarrow$	$\rightarrow$			<code>\subrarr</code>	subset above rightwards arrow
0297A		$\leftarrow\supset$	$\leftarrow$	$\leftarrow$			<code>\leftarrowsubset</code>	leftwards arrow through subset
0297B		$\leftarrow\supset$	$\leftarrow$	$\leftarrow$			<code>\suplarr</code>	superset above leftwards arrow
0297C		$\rightarrow\text{fish tail}$	$\rightarrow$	$\rightarrow$			<code>\leftfishtail</code>	left fish tail
0297D		$\leftarrow\text{fish tail}$	$\leftarrow$	$\leftarrow$			<code>\rightfishtail</code>	right fish tail
0297E		$\rightarrow\text{fish tail}$	$\rightarrow$	$\rightarrow$			<code>\upfishtail</code>	up fish tail
0297F		$\leftarrow\text{fish tail}$	$\leftarrow$	$\leftarrow$			<code>\downfishtail</code>	down fish tail
029CE		$\triangleleft\blacktriangle$	$\triangleleft$	$\triangleleft$			<code>\rtriltri</code>	right triangle above left triangle
029CF		$\triangleleft $	$\triangleleft$	$\triangleleft$			<code>\ltrivb</code>	left triangle beside vertical bar
029D0		$\triangleright $	$\triangleright$	$\triangleright$			<code>\vbrtri</code>	vertical bar beside right triangle
029D1		$\bowtie$	$\bowtie$	$\bowtie$			<code>\lfbowtie</code>	left black bowtie
029D2		$\bowtie$	$\bowtie$	$\bowtie$			<code>\rfbowtie</code>	right black bowtie
029D3		$\bowtie$	$\bowtie$	$\bowtie$			<code>\fbowtie</code>	black bowtie
029D4		$\times$	$\times$	$\times$			<code>\lftimes</code>	left black times
029D5		$\times$	$\times$	$\times$			<code>\rftimes</code>	right black times
029DF		$\circ\circ$	$\circ\circ$	$\circ\circ$			<code>\dualmap</code>	double-ended multimap
029E1		$\triangleleft$	$\triangleleft$	$\triangleleft$			<code>\lrtriangleeq</code>	increases as
029E3		$\#$	$\#$	$\#$			<code>\eparsl</code>	equals sign and slanted parallel
029E4		$\#\tilde{}$	$\#\tilde{}$	$\#\tilde{}$			<code>\smeparsl</code>	equals sign and slanted parallel with tilde above
029E5		$\#$	$\#$	$\#$			<code>\eqvparsl</code>	identical to and slanted parallel
029E6		$\text{II}$	$\text{II}$	$\text{II}$			<code>\gleichstark</code>	gleich stark
029F4		$\rightarrow\text{rule}$	$\rightarrow\text{rule}$	$\rightarrow\text{rule}$			<code>\ruledelayed</code>	rule-delayed
02A59		$\vee$	$\vee$	$\vee$			<code>\veeonwedge</code>	logical or overlapping logical and
02A66		$\cdot$	$\cdot$	$\cdot$			<code>\eqdot</code>	equals sign with dot below
02A67		$\equiv$	$\equiv$	$\equiv$			<code>\dotequiv</code>	identical with dot above
02A68		$\equiv$	$\equiv$	$\equiv$			<code>\equivVert</code>	triple horizontal bar with double vertical stroke
02A69		$\equiv$	$\equiv$	$\equiv$			<code>\equivVvert</code>	triple horizontal bar with triple vertical stroke
02A6A		$\cdot$	$\cdot$	$\cdot$			<code>\dotsim</code>	tilde operator with dot above
02A6B		$\cdot$	$\cdot$	$\cdot$			<code>\simrdots</code>	tilde operator with rising dots
02A6C		$\sim$	$\sim$	$\sim$			<code>\simminus</code>	similar minus similar
02A6D		$\cdot$	$\cdot$	$\cdot$			<code>\congdot</code>	congruent with dot above
02A6E		$\ast$	$\ast$	$\ast$			<code>\asteq</code>	equals with asterisk
02A6F		$\hat{\approx}$	$\hat{\approx}$	$\hat{\approx}$			<code>\hatatapprox</code>	almost equal to with circumflex accent
02A70		$\approx$	$\approx$	$\approx$			<code>\approxpeq</code>	approximately equal or equal to
02A73		$\tilde{=}$	$\tilde{=}$	$\tilde{=}$			<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		$\triangleleft\circ$	$\triangleleft\circ$	$\triangleleft\circ$			<code>\lrcir</code>	less-than with circle inside
02A7A		$\triangleright\circ$	$\triangleright\circ$	$\triangleright\circ$			<code>\gtrcir</code>	greater-than with circle inside
02A7B		$\triangleleft\text{?}$	$\triangleleft\text{?}$	$\triangleleft\text{?}$			<code>\ltquest</code>	less-than with question mark above



USV	M	X	C	A	P	E	Macro	Description
02A7C		$\succ_2$	$\succ_2$	$\succ_2$			<code>\gtquest</code>	greater-than with question mark above
02A7D	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\leqslant<sup>(a)</sup></code>	less-than or slanted equal to
02A7E	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\geqslant<sup>(a)</sup></code>	greater-than or slanted equal to
02A7F		$\succ$	$\succ$	$\succ$			<code>\lesdot</code>	less-than or slanted equal to with dot inside
02A80		$\succ$	$\succ$	$\succ$			<code>\gesdot</code>	greater-than or slanted equal to with dot inside
02A81		$\succ$	$\succ$	$\succ$			<code>\lesdoto</code>	less-than or slanted equal to with dot above
02A82		$\succ$	$\succ$	$\succ$			<code>\gesdoto</code>	greater-than or slanted equal to with dot above
02A83		$\succ$	$\succ$	$\succ$			<code>\lesdotor</code>	less-than or slanted equal to with dot above right
02A84		$\succ$	$\succ$	$\succ$			<code>\gesdotor</code>	greater-than or slanted equal to with dot above right
02A85	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\lessapprox<sup>(a)</sup></code>	less-than or approximate
02A86	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\gtrapprox<sup>(a)</sup></code>	greater-than or approximate
02A87	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\lneq<sup>(a)</sup></code>	less-than and single-line not equal to
02A88	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\gneq<sup>(a)</sup></code>	greater-than and single-line not equal to
02A89	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\lnapprox<sup>(a)</sup></code>	less-than and not approximate
02A8A	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\gnapprox<sup>(a)</sup></code>	greater-than and not approximate
02A8B	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\lesseqgtr<sup>(a)</sup></code>	less-than above double-line equal above greater-than
02A8C	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\gtreqless<sup>(a)</sup></code>	greater-than above double-line equal above less-than
02A8D		$\succ$	$\succ$	$\succ$			<code>\lsime</code>	less-than above similar or equal
02A8E		$\succ$	$\succ$	$\succ$			<code>\gsime</code>	greater-than above similar or equal
02A8F		$\succ$	$\succ$	$\succ$			<code>\lsimg</code>	less-than above similar above greater-than
02A90		$\succ$	$\succ$	$\succ$			<code>\gsiml</code>	greater-than above similar above less-than
02A91		$\succ$	$\succ$	$\succ$			<code>\lgE</code>	less-than above greater-than above double-line equal
02A92		$\succ$	$\succ$	$\succ$			<code>\gLE</code>	greater-than above less-than above double-line equal
02A93		$\succ$	$\succ$	$\succ$			<code>\lesges</code>	less-than above slanted equal above greater-than above slanted equal
02A94		$\succ$	$\succ$	$\succ$			<code>\gesles</code>	greater-than above slanted equal above less-than above slanted equal
02A95	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\eqslantless<sup>(a)</sup></code>	slanted equal to or less-than
02A96	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$		<code>\eqslantgtr<sup>(a)</sup></code>	slanted equal to or greater-than
02A97		$\succ$	$\succ$	$\succ$			<code>\elsdot</code>	slanted equal to or less-than with dot inside
02A98		$\succ$	$\succ$	$\succ$			<code>\egsdot</code>	slanted equal to or greater-than with dot inside
02A99		$\succ$	$\succ$	$\succ$			<code>\eqqless</code>	double-line equal to or less-than
02A9A		$\succ$	$\succ$	$\succ$			<code>\eqqgtr</code>	double-line equal to or greater-than
02A9B		$\succ$	$\succ$	$\succ$			<code>\eqqslantless</code>	double-line slanted equal to or less-than
02A9C		$\succ$	$\succ$	$\succ$			<code>\eqqslantgtr</code>	double-line slanted equal to or greater-than
02A9D		$\succ$	$\succ$	$\succ$			<code>\simless</code>	similar or less-than
02A9E		$\succ$	$\succ$	$\succ$			<code>\simgtr</code>	similar or greater-than
02A9F		$\succ$	$\succ$	$\succ$			<code>\simlE</code>	similar above less-than above equals sign
02AA0		$\succ$	$\succ$	$\succ$			<code>\simgE</code>	similar above greater-than above equals sign
02AA1		$\succ$	$\succ$	$\succ$			<code>\Lt</code>	double nested less-than
02AA2		$\succ$	$\succ$	$\succ$			<code>\Gt</code>	double nested greater-than
02AA3		$\succ$	$\succ$	$\succ$			<code>\partialmeetcontraction</code>	double less-than with underbar
02AA4		$\succ$	$\succ$	$\succ$			<code>\glj</code>	greater-than overlapping less-than
02AA5		$\succ$	$\succ$	$\succ$			<code>\gla</code>	greater-than beside less-than
02AA6		$\succ$	$\succ$	$\succ$			<code>\ltcc</code>	less-than closed by curve
02AA7		$\succ$	$\succ$	$\succ$			<code>\gtcc</code>	greater-than closed by curve
02AA8		$\succ$	$\succ$	$\succ$			<code>\lescc</code>	less-than closed by curve above slanted equal
02AA9		$\succ$	$\succ$	$\succ$			<code>\gescc</code>	greater-than closed by curve above slanted equal
02AAA		$\succ$	$\succ$	$\succ$			<code>\smt</code>	smaller than
02AAB		$\succ$	$\succ$	$\succ$			<code>\lat</code>	larger than

USV	M	X	C	A	P	E	Macro	Description
02AAC		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\smte</code>	smaller than or equal to
02AAD		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\late</code>	larger than or equal to
02AAE		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\bumpeq</code>	equals sign with bumpy above
02AAF	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$		<code>\preceq<sup>(p)</sup></code>	precedes above single-line equals sign
02AB0	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$		<code>\succeq<sup>(p)</sup></code>	succeeds above single-line equals sign
02AB1		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\precneq</code>	precedes above single-line not equal to
02AB2		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\succneq</code>	succeeds above single-line not equal to
02AB3		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\preceqq</code>	precedes above equals sign
02AB4		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\succeqq</code>	succeeds above equals sign
02AB5		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\precneqq<sup>(a)</sup></code>	precedes above not equal to
02AB6		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\succneqq<sup>(a)</sup></code>	succeeds above not equal to
02AB7		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\precapprox<sup>(a)</sup></code>	precedes above almost equal to
02AB8		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\succapprox<sup>(a)</sup></code>	succeeds above almost equal to
02AB9		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\precnapprox<sup>(a)</sup></code>	precedes above not almost equal to
02ABA		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\succnapprox<sup>(a)</sup></code>	succeeds above not almost equal to
02ABB		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\Prec</code>	double precedes
02ABC		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\Succ</code>	double succeeds
02ABD		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subsetdot</code>	subset with dot
02ABE		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supsetdot</code>	superset with dot
02ABF		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subsetplus</code>	subset with plus sign below
02AC0		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supsetplus</code>	superset with plus sign below
02AC1		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subsetmult</code>	subset with multiplication sign below
02AC2		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supmult</code>	superset with multiplication sign below
02AC3		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subsetdot</code>	subset of or equal to with dot above
02AC4		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supedot</code>	superset of or equal to with dot above
02AC5		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subseteq<sup>(a)</sup></code>	subset of above equals sign
02AC6		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supseteq<sup>(a)</sup></code>	superset of above equals sign
02AC7		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subset\sim</code>	subset of above tilde operator
02AC8		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\sup\sim</code>	superset of above tilde operator
02AC9		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subsetapprox</code>	subset of above almost equal to
02ACA		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supsetapprox</code>	superset of above almost equal to
02ACB		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subseteq<sup>(a)</sup></code>	subset of above not equal to
02ACC		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supseteq<sup>(a)</sup></code>	superset of above not equal to
02ACD		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\lshook</code>	square left open box operator
02ACE		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\rshook</code>	square right open box operator
02ACF		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subset</code>	closed subset
02AD0		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subset\sup</code>	closed superset
02AD1		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subseteq</code>	closed subset or equal to
02AD2		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\supseteq</code>	closed superset or equal to
02AD3		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subset\sup</code>	subset above superset
02AD4		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\sup\subset</code>	superset above subset
02AD5		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\subset\subset</code>	subset above subset
02AD6		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\sup\sup</code>	superset above superset
02AD7		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\sup\subset</code>	superset beside subset
02AD8		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\sup\&amp;subset</code>	superset beside and joined by dash with subset
02AD9		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\forkv</code>	element of opening downwards
02ADA		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\topfork</code>	pitchfork with tee top
02ADB		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\mlcp</code>	transversal intersection
02ADC		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\forks</code>	forking
02ADD		$\lessgtr$	$\lessgtr$	$\lessgtr$			<code>\forksnot</code>	nonforking

USV	M	X	C	A	P	E	Macro	Description
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>\circirid</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>\rightarrowgtr</code>	rightwards arrow through greater-than
02B44							<code>\rightarrowsupset</code>	rightwards arrow through subset
02B45							<code>\LLeftarrow</code>	leftwards quadruple arrow
02B46							<code>\Rrightarrow</code>	rightwards quadruple arrow
02B47							<code>\bsimilarrightarrow</code>	reverse tilde operator above rightwards arrow
02B48							<code>\rightarrowbackapprox</code>	rightwards arrow above reverse almost equal to

USV	M	X	C	A	P	E	Macro	Description
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>	rightwards arrow above reverse tilde operator

## 13 Alphabetical symbols, `\mathalpha`

### 13.1 Normal weight

#### 13.1.1 Upright Greek, uppercase

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

#### 13.1.2 Upright Greek, lowercase

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

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

### 13.1.3 Italic, Latin, uppercase

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

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

### 13.1.4 Italic, Latin, lowercase

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

### 13.1.5 Italic Greek, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D6E2	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>		<code>\mitAlpha</code>	mathematical italic capital alpha

USV	M	X	C	A	P	E	Macro	Description
1D6E3	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>		<code>\mitBeta</code>	mathematical italic capital beta
1D6E4	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>		<code>\mitGamma</code>	mathematical italic capital gamma
1D6E5	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>		<code>\mitDelta</code>	mathematical italic capital delta
1D6E6	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		<code>\mitEpsilon</code>	mathematical italic capital epsilon
1D6E7	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		<code>\mitZeta</code>	mathematical italic capital zeta
1D6E8	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>		<code>\mitEta</code>	mathematical italic capital eta
1D6E9	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>		<code>\mitTheta</code>	mathematical italic capital theta
1D6EA	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>		<code>\mitIota</code>	mathematical italic capital iota
1D6EB	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		<code>\mitKappa</code>	mathematical italic capital kappa
1D6EC	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>		<code>\mitLambda</code>	mathematical italic capital lambda
1D6ED	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		<code>\mitMu</code>	mathematical italic capital mu
1D6EE	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		<code>\mitNu</code>	mathematical italic capital nu
1D6EF	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>		<code>\mitXi</code>	mathematical italic capital xi
1D6F0	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		<code>\mitOmicron</code>	mathematical italic capital omicron
1D6F1	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>		<code>\mitPi</code>	mathematical italic capital pi
1D6F2	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		<code>\mitRho</code>	mathematical italic capital rho
1D6F3	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>		<code>\mitvarTheta</code>	mathematical italic capital theta symbol
1D6F4	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>		<code>\mitSigma</code>	mathematical italic capital sigma
1D6F5	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<code>\mitTau</code>	mathematical italic capital tau
1D6F6	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>		<code>\mitUpsilon</code>	mathematical italic capital upsilon
1D6F7	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>		<code>\mitPhi</code>	mathematical italic capital phi
1D6F8	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>		<code>\mitChi</code>	mathematical italic capital chi
1D6F9	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>		<code>\mitPsi</code>	mathematical italic capital psi
1D6FA	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>		<code>\mitOmega</code>	mathematical italic capital omega

### 13.1.6 Italic Greek, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D6FC	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>		<code>\mitalpha</code>	mathematical italic small alpha
1D6FD	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>		<code>\mitbeta</code>	mathematical italic small beta
1D6FE	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>		<code>\mitgamma</code>	mathematical italic small gamma
1D6FF	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>		<code>\mitdelta</code>	mathematical italic small delta
1D700	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>		<code>\mitepsilon</code>	mathematical italic small epsilon
1D701	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>		<code>\mitzeta</code>	mathematical italic small zeta
1D702	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>		<code>\miteta</code>	mathematical italic small eta
1D703	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>		<code>\mittheta</code>	mathematical italic small theta
1D704	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>		<code>\mitiota</code>	mathematical italic small iota
1D705	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>		<code>\mitkappa</code>	mathematical italic small kappa
1D706	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>		<code>\mitlambda</code>	mathematical italic small lambda
1D707	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>		<code>\mitmu</code>	mathematical italic small mu
1D708	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>		<code>\mitnu</code>	mathematical italic small nu
1D709	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>		<code>\mitxi</code>	mathematical italic small xi
1D70A	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>		<code>\mitomicron</code>	mathematical italic small omicron
1D70B	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>		<code>\mitpi</code>	mathematical italic small pi
1D70C	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>		<code>\mitrho</code>	mathematical italic small rho
1D70D	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>		<code>\mitvarsigma</code>	mathematical italic small final sigma
1D70E	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>		<code>\mitsigma</code>	mathematical italic small sigma
1D70F	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>		<code>\mittau</code>	mathematical italic small tau



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

### 13.1.7 Script, Latin, uppercase

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

### 13.1.8 Script, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D4B6		<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		<code>\mscra</code>	mathematical script small a
1D4B7		<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		<code>\mscrb</code>	mathematical script small b
1D4B8		<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		<code>\mscrc</code>	mathematical script small c
1D4B9		<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		<code>\mscrd</code>	mathematical script small d
1D4BB		<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		<code>\mscrf</code>	mathematical script small f
1D4BD		<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mscrh</code>	mathematical script small h

USV	M	X	C	A	P	E	Macro	Description
1D4BE		<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>		<code>\mscrj</code>	mathematical script small j
1D4C0		<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>		<code>\mscrl</code>	mathematical script small l
1D4C2		<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>		<code>\mscrn</code>	mathematical script small n
1D4C5		<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>		<code>\mscrq</code>	mathematical script small q
1D4C7		<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>		<code>\mscrs</code>	mathematical script small s
1D4C9		<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>		<code>\mscru</code>	mathematical script small u
1D4CB		<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>		<code>\mscrw</code>	mathematical script small w
1D4CD		<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>		<code>\mscry</code>	mathematical script small y
1D4CF		<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	A	P	E	Macro	Description
1D504	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<code>\mfracA</code>	mathematical fraktur capital a
1D505	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<code>\mfracB</code>	mathematical fraktur capital b
1D507	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<code>\mfracD</code>	mathematical fraktur capital d
1D508	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<code>\mfracE</code>	mathematical fraktur capital e
1D509	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<code>\mfracF</code>	mathematical fraktur capital f
1D50A	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<code>\mfracG</code>	mathematical fraktur capital g
1D50D	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<code>\mfracJ</code>	mathematical fraktur capital j
1D50E	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<code>\mfracK</code>	mathematical fraktur capital k
1D50F	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<code>\mfracL</code>	mathematical fraktur capital l
1D510	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<code>\mfracM</code>	mathematical fraktur capital m
1D511	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<code>\mfracN</code>	mathematical fraktur capital n
1D512	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<code>\mfracO</code>	mathematical fraktur capital o
1D513	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<code>\mfracP</code>	mathematical fraktur capital p
1D514	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<code>\mfracQ</code>	mathematical fraktur capital q
1D516	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<code>\mfracS</code>	mathematical fraktur capital s
1D517	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<code>\mfracT</code>	mathematical fraktur capital t
1D518	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<code>\mfracU</code>	mathematical fraktur capital u
1D519	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<code>\mfracV</code>	mathematical fraktur capital v
1D51A	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<code>\mfracW</code>	mathematical fraktur capital w
1D51B	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<code>\mfracX</code>	mathematical fraktur capital x
1D51C	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<code>\mfracY</code>	mathematical fraktur capital y

### 13.1.10 Fraktur, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D51E	a	ā	ⱱ	Ⱳ	ⱳ	ⱴ	\mfraka	mathematical fraktur small a
1D51F	b	Ḅ	ḅ	Ḇ	ḇ	Ḉ	\mfrakb	mathematical fraktur small b
1D520	c	ċ	ċ	ċ	ċ	ċ	\mfrakc	mathematical fraktur small c
1D521	d	Ḋ	ḋ	Ḍ	ḅ	Ḇ	\mfrakd	mathematical fraktur small d
1D522	e	ē	ⱥ	ⱦ	Ⱨ	ⱨ	\mfrake	mathematical fraktur small e
1D523	f	Ḟ	ḟ	Ḡ	ḡ	Ḣ	\mfrakf	mathematical fraktur small f
1D524	g	Ḣ	ḣ	Ḥ	ḥ	Ḧ	\mfrakg	mathematical fraktur small g
1D525	h	Ḧ	ḧ	Ḩ	ḩ	Ḫ	\mfrakh	mathematical fraktur small h
1D526	i	ī	ⱱ	Ⱳ	ⱳ	ⱴ	\mfraki	mathematical fraktur small i
1D527	j	ĵ	ĵ	ĵ	ĵ	ĵ	\mfrakj	mathematical fraktur small j
1D528	k	Ḱ	ḱ	Ḳ	ḳ	Ḵ	\mfrakk	mathematical fraktur small k
1D529	l	Ḻ	ḻ	Ḽ	ḽ	Ḿ	\mfrakl	mathematical fraktur small l
1D52A	m	Ḿ	ḿ	Ṁ	ṁ	Ṃ	\mfrakm	mathematical fraktur small m
1D52B	n	Ṇ	ṇ	Ṉ	ṉ	Ṋ	\mfrakn	mathematical fraktur small n
1D52C	o	ō	ⱱ	Ⱳ	ⱳ	ⱴ	\mfrako	mathematical fraktur small o
1D52D	p	Ṗ	ṗ	Ṙ	ṙ	Ṛ	\mfrakp	mathematical fraktur small p
1D52E	q	Ṙ	ṙ	Ṛ	ṛ	Ṝ	\mfrakq	mathematical fraktur small q
1D52F	r	Ṛ	ṛ	Ṝ	ṝ	Ṟ	\mfrakr	mathematical fraktur small r
1D530	s	Ṣ	ṣ	Ṥ	ṥ	Ṧ	\mfraks	mathematical fraktur small s
1D531	t	Ṫ	ṽ	Ṷ	ṷ	Ṹ	\mfrakt	mathematical fraktur small t
1D532	u	ū	ⱱ	Ⱳ	ⱳ	ⱴ	\mfraku	mathematical fraktur small u
1D533	v	Ṽ	ṽ	Ṹ	ṹ	Ṻ	\mfrakv	mathematical fraktur small v
1D534	w	Ṛ	ṛ	Ṝ	ṝ	Ṟ	\mfrakw	mathematical fraktur small w
1D535	x	Ṙ	ṙ	Ṛ	ṛ	Ṝ	\mfrakx	mathematical fraktur small x
1D536	y	Ṛ	ṛ	Ṝ	ṝ	Ṟ	\mfraky	mathematical fraktur small y
1D537	z	Ṛ	ṛ	Ṝ	ṝ	Ṟ	\mfrakz	mathematical fraktur small z

### 13.1.11 Blackboard, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D538	A	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	\BbbA	mathematical double-struck capital a
1D539	B	Ⓑ	Ⓑ	Ⓑ	Ⓑ	Ⓑ	\BbbB	mathematical double-struck capital b
1D53B	D	Ⓓ	Ⓓ	Ⓓ	Ⓓ	Ⓓ	\BbbD	mathematical double-struck capital d
1D53C	E	Ⓔ	Ⓔ	Ⓔ	Ⓔ	Ⓔ	\BbbE	mathematical double-struck capital e
1D53D	F	Ⓕ	Ⓕ	Ⓕ	Ⓕ	Ⓕ	\BbbF	mathematical double-struck capital f
1D53E	G	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ	\BbbG	mathematical double-struck capital g
1D540	I	Ⓘ	Ⓘ	Ⓘ	Ⓘ	Ⓘ	\BbbI	mathematical double-struck capital i
1D541	J	Ⓣ	Ⓣ	Ⓣ	Ⓣ	Ⓣ	\BbbJ	mathematical double-struck capital j
1D542	K	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	\BbbK	mathematical double-struck capital k
1D543	L	Ⓛ	Ⓛ	Ⓛ	Ⓛ	Ⓛ	\BbbL	mathematical double-struck capital l
1D544	M	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	\BbbM	mathematical double-struck capital m
1D546	O	Ⓞ	Ⓞ	Ⓞ	Ⓞ	Ⓞ	\BbbO	mathematical double-struck capital o
1D54A	S	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	\BbbS	mathematical double-struck capital s
1D54B	T	Ⓣ	Ⓣ	Ⓣ	Ⓣ	Ⓣ	\BbbT	mathematical double-struck capital t
1D54C	U	Ⓤ	Ⓤ	Ⓤ	Ⓤ	Ⓤ	\BbbU	mathematical double-struck capital u
1D54D	V	Ⓥ	Ⓥ	Ⓥ	Ⓥ	Ⓥ	\BbbV	mathematical double-struck capital v
1D54E	W	Ⓦ	Ⓦ	Ⓦ	Ⓦ	Ⓦ	\BbbW	mathematical double-struck capital w

USV	M	X	C	A	P	E	Macro	Description
1D54F	X	X	X	X	X		\BbbX	mathematical double-struck capital x
1D550	Y	Y	Y	Y	Y		\BbbY	mathematical double-struck capital y

### 13.1.12 Blackboard, Latin, lowercase

USV	M	X	C	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		\Bbbk <sup>(a)</sup>	mathematical double-struck small k
1D55D	l	l	l	l	l		\Bbb l	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	A	P	E	Macro	Description
1D5A0	A	A	A	A	A		\msansA	mathematical sans-serif capital a
1D5A1	B	B	B	B	B		\msansB	mathematical sans-serif capital b
1D5A2	C	C	C	C	C		\msansC	mathematical sans-serif capital c
1D5A3	D	D	D	D	D		\msansD	mathematical sans-serif capital d
1D5A4	E	E	E	E	E		\msansE	mathematical sans-serif capital e
1D5A5	F	F	F	F	F		\msansF	mathematical sans-serif capital f
1D5A6	G	G	G	G	G		\msansG	mathematical sans-serif capital g
1D5A7	H	H	H	H	H		\msansH	mathematical sans-serif capital h
1D5A8	I	I	I	I	I		\msansI	mathematical sans-serif capital i

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

### 13.1.14 Sans serif, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D5BA	a	a	a	a	a		\msansa	mathematical sans-serif small a
1D5BB	b	b	b	b	b		\msansb	mathematical sans-serif small b
1D5BC	c	c	c	c	c		\msansc	mathematical sans-serif small c
1D5BD	d	d	d	d	d		\msansd	mathematical sans-serif small d
1D5BE	e	e	e	e	e		\msanse	mathematical sans-serif small e
1D5BF	f	f	f	f	f		\msansf	mathematical sans-serif small f
1D5C0	g	g	g	g	g		\msansg	mathematical sans-serif small g
1D5C1	h	h	h	h	h		\msansh	mathematical sans-serif small h
1D5C2	i	i	i	i	i		\msansi	mathematical sans-serif small i
1D5C3	j	j	j	j	j		\msansj	mathematical sans-serif small j
1D5C4	k	k	k	k	k		\msansk	mathematical sans-serif small k
1D5C5	l	l	l	l	l		\msansl	mathematical sans-serif small l
1D5C6	m	m	m	m	m		\msansm	mathematical sans-serif small m
1D5C7	n	n	n	n	n		\msansn	mathematical sans-serif small n
1D5C8	o	o	o	o	o		\msanso	mathematical sans-serif small o
1D5C9	p	p	p	p	p		\msansp	mathematical sans-serif small p
1D5CA	q	q	q	q	q		\msansq	mathematical sans-serif small q
1D5CB	r	r	r	r	r		\msansr	mathematical sans-serif small r
1D5CC	s	s	s	s	s		\msanss	mathematical sans-serif small s
1D5CD	t	t	t	t	t		\msanst	mathematical sans-serif small t
1D5CE	u	u	u	u	u		\msansu	mathematical sans-serif small u
1D5CF	v	v	v	v	v		\msansv	mathematical sans-serif small v
1D5D0	w	w	w	w	w		\msansw	mathematical sans-serif small w
1D5D1	x	x	x	x	x		\msansx	mathematical sans-serif small x
1D5D2	y	y	y	y	y		\msansy	mathematical sans-serif small y
1D5D3	z	z	z	z	z		\msansz	mathematical sans-serif small z

USV	M	X	C	A	P	E	Macro	Description
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### 13.1.15 Italic sans serif, Latin, uppercase

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

### 13.1.16 Italic sans serif, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D622	a	a	a	a	a		<code>\mitsansa</code>	mathematical sans-serif italic small a
1D623	b	b	b	b	b		<code>\mitsansb</code>	mathematical sans-serif italic small b
1D624	c	c	c	c	c		<code>\mitsansc</code>	mathematical sans-serif italic small c
1D625	d	d	d	d	d		<code>\mitsansd</code>	mathematical sans-serif italic small d
1D626	e	e	e	e	e		<code>\mitsanse</code>	mathematical sans-serif italic small e
1D627	f	f	f	f	f		<code>\mitsansf</code>	mathematical sans-serif italic small f
1D628	g	g	g	g	g		<code>\mitsansg</code>	mathematical sans-serif italic small g
1D629	h	h	h	h	h		<code>\mitsansh</code>	mathematical sans-serif italic small h
1D62A	i	i	i	i	i		<code>\mitsansi</code>	mathematical sans-serif italic small i
1D62B	j	j	j	j	j		<code>\mitsansj</code>	mathematical sans-serif italic small j
1D62C	k	k	k	k	k		<code>\mitsansk</code>	mathematical sans-serif italic small k
1D62D	l	l	l	l	l		<code>\mitsansl</code>	mathematical sans-serif italic small l

USV	M	X	C	A	P	E	Macro	Description
1D62E	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mitsansm</code>	mathematical sans-serif italic small m
1D62F	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mitsansn</code>	mathematical sans-serif italic small n
1D630	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		<code>\mitsanso</code>	mathematical sans-serif italic small o
1D631	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<code>\mitsansp</code>	mathematical sans-serif italic small p
1D632	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		<code>\mitsansq</code>	mathematical sans-serif italic small q
1D633	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		<code>\mitsansr</code>	mathematical sans-serif italic small r
1D634	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		<code>\mitsanss</code>	mathematical sans-serif italic small s
1D635	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		<code>\mitsanst</code>	mathematical sans-serif italic small t
1D636	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		<code>\mitsansu</code>	mathematical sans-serif italic small u
1D637	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		<code>\mitsansv</code>	mathematical sans-serif italic small v
1D638	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		<code>\mitsansw</code>	mathematical sans-serif italic small w
1D639	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		<code>\mitsansx</code>	mathematical sans-serif italic small x
1D63A	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		<code>\mitsansy</code>	mathematical sans-serif italic small y
1D63B	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>		<code>\mitsansz</code>	mathematical sans-serif italic small z

### 13.1.17 Typewriter, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D670	A	A	A	A	A		<code>\mttA</code>	mathematical monospace capital a
1D671	B	B	B	B	B		<code>\mttB</code>	mathematical monospace capital b
1D672	C	C	C	C	C		<code>\mttC</code>	mathematical monospace capital c
1D673	D	D	D	D	D		<code>\mttD</code>	mathematical monospace capital d
1D674	E	E	E	E	E		<code>\mttE</code>	mathematical monospace capital e
1D675	F	F	F	F	F		<code>\mttF</code>	mathematical monospace capital f
1D676	G	G	G	G	G		<code>\mttG</code>	mathematical monospace capital g
1D677	H	H	H	H	H		<code>\mttH</code>	mathematical monospace capital h
1D678	I	I	I	I	I		<code>\mttI</code>	mathematical monospace capital i
1D679	J	J	J	J	J		<code>\mttJ</code>	mathematical monospace capital j
1D67A	K	K	K	K	K		<code>\mttK</code>	mathematical monospace capital k
1D67B	L	L	L	L	L		<code>\mttL</code>	mathematical monospace capital l
1D67C	M	M	M	M	M		<code>\mttM</code>	mathematical monospace capital m
1D67D	N	N	N	N	N		<code>\mttN</code>	mathematical monospace capital n
1D67E	O	O	O	O	O		<code>\mttO</code>	mathematical monospace capital o
1D67F	P	P	P	P	P		<code>\mttP</code>	mathematical monospace capital p
1D680	Q	Q	Q	Q	Q		<code>\mttQ</code>	mathematical monospace capital q
1D681	R	R	R	R	R		<code>\mttR</code>	mathematical monospace capital r
1D682	S	S	S	S	S		<code>\mttS</code>	mathematical monospace capital s
1D683	T	T	T	T	T		<code>\mttT</code>	mathematical monospace capital t
1D684	U	U	U	U	U		<code>\mttU</code>	mathematical monospace capital u
1D685	V	V	V	V	V		<code>\mttV</code>	mathematical monospace capital v
1D686	W	W	W	W	W		<code>\mttW</code>	mathematical monospace capital w
1D687	X	X	X	X	X		<code>\mttX</code>	mathematical monospace capital x
1D688	Y	Y	Y	Y	Y		<code>\mttY</code>	mathematical monospace capital y
1D689	Z	Z	Z	Z	Z		<code>\mttZ</code>	mathematical monospace capital z

### 13.1.18 Typewriter, Latin, lowercase

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

## 13.2 Bold

### 13.2.1 Bold, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D400	A	A	A	A	A	A	\mbfA	mathematical bold capital a
1D401	B	B	B	B	B	B	\mbfB	mathematical bold capital b
1D402	C	C	C	C	C	C	\mbfC	mathematical bold capital c
1D403	D	D	D	D	D	D	\mbfD	mathematical bold capital d
1D404	E	E	E	E	E	E	\mbfE	mathematical bold capital e
1D405	F	F	F	F	F	F	\mbfF	mathematical bold capital f
1D406	G	G	G	G	G	G	\mbfG	mathematical bold capital g
1D407	H	H	H	H	H	H	\mbfH	mathematical bold capital h
1D408	I	I	I	I	I	I	\mbfI	mathematical bold capital i
1D409	J	J	J	J	J	J	\mbfJ	mathematical bold capital j
1D40A	K	K	K	K	K	K	\mbfK	mathematical bold capital k
1D40B	L	L	L	L	L	L	\mbfL	mathematical bold capital l
1D40C	M	M	M	M	M	M	\mbfM	mathematical bold capital m



USV	M	X	C	A	P	E	Macro	Description
1D40D	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<code>\mbfN</code>	mathematical bold capital n
1D40E	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<code>\mbfO</code>	mathematical bold capital o
1D40F	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<code>\mbfP</code>	mathematical bold capital p
1D410	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<code>\mbfQ</code>	mathematical bold capital q
1D411	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<code>\mbfR</code>	mathematical bold capital r
1D412	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<code>\mbfS</code>	mathematical bold capital s
1D413	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<code>\mbfT</code>	mathematical bold capital t
1D414	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<code>\mbfU</code>	mathematical bold capital u
1D415	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<code>\mbfV</code>	mathematical bold capital v
1D416	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<code>\mbfW</code>	mathematical bold capital w
1D417	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<code>\mbfX</code>	mathematical bold capital x
1D418	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<code>\mbfY</code>	mathematical bold capital y
1D419	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<code>\mbfZ</code>	mathematical bold capital z

### 13.2.2 Bold, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D41A	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<code>\mbfa</code>	mathematical bold small a
1D41B	<b>b</b>	<b>b</b>	<b>b</b>	<b>b</b>	<b>b</b>	<b>b</b>	<code>\mbfb</code>	mathematical bold small b
1D41C	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<code>\mbfc</code>	mathematical bold small c
1D41D	<b>d</b>	<b>d</b>	<b>d</b>	<b>d</b>	<b>d</b>	<b>d</b>	<code>\mbfd</code>	mathematical bold small d
1D41E	<b>e</b>	<b>e</b>	<b>e</b>	<b>e</b>	<b>e</b>	<b>e</b>	<code>\mbfe</code>	mathematical bold small e
1D41F	<b>f</b>	<b>f</b>	<b>f</b>	<b>f</b>	<b>f</b>	<b>f</b>	<code>\mbff</code>	mathematical bold small f
1D420	<b>g</b>	<b>g</b>	<b>g</b>	<b>g</b>	<b>g</b>	<b>g</b>	<code>\mbfg</code>	mathematical bold small g
1D421	<b>h</b>	<b>h</b>	<b>h</b>	<b>h</b>	<b>h</b>	<b>h</b>	<code>\mbfh</code>	mathematical bold small h
1D422	<b>i</b>	<b>i</b>	<b>i</b>	<b>i</b>	<b>i</b>	<b>i</b>	<code>\mbfi</code>	mathematical bold small i
1D423	<b>j</b>	<b>j</b>	<b>j</b>	<b>j</b>	<b>j</b>	<b>j</b>	<code>\mbfj</code>	mathematical bold small j
1D424	<b>k</b>	<b>k</b>	<b>k</b>	<b>k</b>	<b>k</b>	<b>k</b>	<code>\mbfk</code>	mathematical bold small k
1D425	<b>l</b>	<b>l</b>	<b>l</b>	<b>l</b>	<b>l</b>	<b>l</b>	<code>\mbfl</code>	mathematical bold small l
1D426	<b>m</b>	<b>m</b>	<b>m</b>	<b>m</b>	<b>m</b>	<b>m</b>	<code>\mbfm</code>	mathematical bold small m
1D427	<b>n</b>	<b>n</b>	<b>n</b>	<b>n</b>	<b>n</b>	<b>n</b>	<code>\mbfn</code>	mathematical bold small n
1D428	<b>o</b>	<b>o</b>	<b>o</b>	<b>o</b>	<b>o</b>	<b>o</b>	<code>\mbfo</code>	mathematical bold small o
1D429	<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>	<code>\mbfp</code>	mathematical bold small p
1D42A	<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>	<code>\mbfq</code>	mathematical bold small q
1D42B	<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>	<code>\mbfr</code>	mathematical bold small r
1D42C	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<code>\mbfs</code>	mathematical bold small s
1D42D	<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>	<code>\mbft</code>	mathematical bold small t
1D42E	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>	<code>\mbfu</code>	mathematical bold small u
1D42F	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>	<code>\mbfv</code>	mathematical bold small v
1D430	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<code>\mbfw</code>	mathematical bold small w
1D431	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<code>\mbfx</code>	mathematical bold small x
1D432	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>	<code>\mbfy</code>	mathematical bold small y
1D433	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>	<code>\mbfz</code>	mathematical bold small z

### 13.2.3 Bold Greek, uppercase

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

### 13.2.4 Bold Greek, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D6C2	α	α	α	α	α	α	\mbfalpha	mathematical bold small alpha
1D6C3	β	β	β	β	β	β	\mbfbeta	mathematical bold small beta
1D6C4	γ	γ	γ	γ	γ	γ	\mbfgamma	mathematical bold small gamma
1D6C5	δ	δ	δ	δ	δ	δ	\mbfdelta	mathematical bold small delta
1D6C6	ε	ε	ε	ε	ε	ε	\mbfepsilon	mathematical bold small epsilon
1D6C7	ζ	ζ	ζ	ζ	ζ	ζ	\mbfzeta	mathematical bold small zeta
1D6C8	η	η	η	η	η	η	\mbfeta	mathematical bold small eta
1D6C9	θ	θ	θ	θ	θ	θ	\mbftheta	mathematical bold small theta
1D6CA	ι	ι	ι	ι	ι	ι	\mbfiota	mathematical bold small iota
1D6CB	κ	κ	κ	κ	κ	κ	\mbfkappa	mathematical bold small kappa
1D6CC	λ	λ	λ	λ	λ	λ	\mbflambda	mathematical bold small lambda
1D6CD	μ	μ	μ	μ	μ	μ	\mbfmu	mathematical bold small mu
1D6CE	ν	ν	ν	ν	ν	ν	\mbfnu	mathematical bold small nu
1D6CF	ξ	ξ	ξ	ξ	ξ	ξ	\mbfxi	mathematical bold small xi
1D6D0	ο	ο	ο	ο	ο	ο	\mbfomicron	mathematical bold small omicron
1D6D1	π	π	π	π	π	π	\mbfpi	mathematical bold small pi
1D6D2	ρ	ρ	ρ	ρ	ρ	ρ	\mbfrho	mathematical bold small rho
1D6D3	ς	ς	ς	ς	ς		\mbfvarsigma	mathematical bold small final sigma
1D6D4	σ	σ	σ	σ	σ	σ	\mbfsigma	mathematical bold small sigma

USV	M	X	C	A	P	E	Macro	Description
1D6D5	τ	τ	τ	τ	τ	τ	\mbftau	mathematical bold small tau
1D6D6	υ	υ	υ	υ	υ	υ	\mbfupsilon	mathematical bold small upsilon
1D6D7	φ	φ	φ	φ	φ	φ	\mbfvarphi	mathematical bold small phi
1D6D8	χ	χ	χ	χ	χ	χ	\mbfchi	mathematical bold small chi
1D6D9	ψ	ψ	ψ	ψ	ψ	ψ	\mbfpsi	mathematical bold small psi
1D6DA	ω	ω	ω	ω	ω	ω	\mbfomega	mathematical bold small omega
1D6DB	∂	∂	∂	∂	∂	∂	\mbfpartial	mathematical bold partial differential
1D6DC	ε	ε	ε	ε	ε	ε	\mbfvarepsilon	mathematical bold epsilon symbol
1D6DD	θ	θ	θ	θ	θ	θ	\mbfvartheta	mathematical bold theta symbol
1D6DE	κ	κ	κ	κ			\mbfvarkappa	mathematical bold kappa symbol
1D6DF	φ	φ	φ	φ	φ	φ	\mbfphi	mathematical bold phi symbol
1D6E0	ρ	ρ	ρ	ρ	ρ		\mbfvarrho	mathematical bold rho symbol
1D6E1	π	π	π	π	π	π	\mbfvarpi	mathematical bold pi symbol

### 13.2.5 Bold italic, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D468	A	A	A	A	A		\mbfitA	mathematical bold italic capital a
1D469	B	B	B	B	B		\mbfitB	mathematical bold italic capital b
1D46A	C	C	C	C	C		\mbfitC	mathematical bold italic capital c
1D46B	D	D	D	D	D		\mbfitD	mathematical bold italic capital d
1D46C	E	E	E	E	E		\mbfitE	mathematical bold italic capital e
1D46D	F	F	F	F	F		\mbfitF	mathematical bold italic capital f
1D46E	G	G	G	G	G		\mbfitG	mathematical bold italic capital g
1D46F	H	H	H	H	H		\mbfitH	mathematical bold italic capital h
1D470	I	I	I	I	I		\mbfitI	mathematical bold italic capital i
1D471	J	J	J	J	J		\mbfitJ	mathematical bold italic capital j
1D472	K	K	K	K	K		\mbfitK	mathematical bold italic capital k
1D473	L	L	L	L	L		\mbfitL	mathematical bold italic capital l
1D474	M	M	M	M	M		\mbfitM	mathematical bold italic capital m
1D475	N	N	N	N	N		\mbfitN	mathematical bold italic capital n
1D476	O	O	O	O	O		\mbfitO	mathematical bold italic capital o
1D477	P	P	P	P	P		\mbfitP	mathematical bold italic capital p
1D478	Q	Q	Q	Q	Q		\mbfitQ	mathematical bold italic capital q
1D479	R	R	R	R	R		\mbfitR	mathematical bold italic capital r
1D47A	S	S	S	S	S		\mbfitS	mathematical bold italic capital s
1D47B	T	T	T	T	T		\mbfitT	mathematical bold italic capital t
1D47C	U	U	U	U	U		\mbfitU	mathematical bold italic capital u
1D47D	V	V	V	V	V		\mbfitV	mathematical bold italic capital v
1D47E	W	W	W	W	W		\mbfitW	mathematical bold italic capital w
1D47F	X	X	X	X	X		\mbfitX	mathematical bold italic capital x
1D480	Y	Y	Y	Y	Y		\mbfitY	mathematical bold italic capital y
1D481	Z	Z	Z	Z	Z		\mbfitZ	mathematical bold italic capital z

### 13.2.6 Bold italic, Latin, lowercase

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

### 13.2.7 Bold italic Greek, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D71C	<b>Α</b>	<b>Α</b>	<b>Α</b>	<b>Α</b>	<b>Α</b>		<code>\mbfitAlpha</code>	mathematical bold italic capital alpha
1D71D	<b>Β</b>	<b>Β</b>	<b>Β</b>	<b>Β</b>	<b>Β</b>		<code>\mbfitBeta</code>	mathematical bold italic capital beta
1D71E	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>		<code>\mbfitGamma</code>	mathematical bold italic capital gamma
1D71F	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>		<code>\mbfitDelta</code>	mathematical bold italic capital delta
1D720	<b>Ε</b>	<b>Ε</b>	<b>Ε</b>	<b>Ε</b>	<b>Ε</b>		<code>\mbfitEpsilon</code>	mathematical bold italic capital epsilon
1D721	<b>Ζ</b>	<b>Ζ</b>	<b>Ζ</b>	<b>Ζ</b>	<b>Ζ</b>		<code>\mbfitZeta</code>	mathematical bold italic capital zeta
1D722	<b>Η</b>	<b>Η</b>	<b>Η</b>	<b>Η</b>	<b>Η</b>		<code>\mbfitEta</code>	mathematical bold italic capital eta
1D723	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>		<code>\mbfitTheta</code>	mathematical bold italic capital theta
1D724	<b>Ι</b>	<b>Ι</b>	<b>Ι</b>	<b>Ι</b>	<b>Ι</b>		<code>\mbfitIota</code>	mathematical bold italic capital iota
1D725	<b>Κ</b>	<b>Κ</b>	<b>Κ</b>	<b>Κ</b>	<b>Κ</b>		<code>\mbfitKappa</code>	mathematical bold italic capital kappa
1D726	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>		<code>\mbfitLambda</code>	mathematical bold italic capital lambda
1D727	<b>Μ</b>	<b>Μ</b>	<b>Μ</b>	<b>Μ</b>	<b>Μ</b>		<code>\mbfitMu</code>	mathematical bold italic capital mu
1D728	<b>Ν</b>	<b>Ν</b>	<b>Ν</b>	<b>Ν</b>	<b>Ν</b>		<code>\mbfitNu</code>	mathematical bold italic capital nu
1D729	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>		<code>\mbfitXi</code>	mathematical bold italic capital xi
1D72A	<b>Ο</b>	<b>Ο</b>	<b>Ο</b>	<b>Ο</b>	<b>Ο</b>		<code>\mbfitOmicron</code>	mathematical bold italic capital omicron
1D72B	<b>Π</b>	<b>Π</b>	<b>Π</b>	<b>Π</b>	<b>Π</b>		<code>\mbfitPi</code>	mathematical bold italic capital pi
1D72C	<b>Ρ</b>	<b>Ρ</b>	<b>Ρ</b>	<b>Ρ</b>	<b>Ρ</b>		<code>\mbfitRho</code>	mathematical bold italic capital rho

USV	M	X	C	A	P	E	Macro	Description
1D72D	$\Theta$	$\theta$	$\Theta$	$\theta$	$\Theta$		<code>\mbfitvarTheta</code>	mathematical bold italic capital theta symbol
1D72E	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$		<code>\mbfitSigma</code>	mathematical bold italic capital sigma
1D72F	$T$	$T$	$T$	$T$	$T$		<code>\mbfitTau</code>	mathematical bold italic capital tau
1D730	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$		<code>\mbfitUpsilon</code>	mathematical bold italic capital upsilon
1D731	$\Phi$	$\Phi$	$\Phi$	$\Phi$	$\Phi$		<code>\mbfitPhi</code>	mathematical bold italic capital phi
1D732	$\chi$	$\chi$	$\chi$	$\chi$	$\chi$		<code>\mbfitChi</code>	mathematical bold italic capital chi
1D733	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\Psi$		<code>\mbfitPsi</code>	mathematical bold italic capital psi
1D734	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\Omega$		<code>\mbfitOmega</code>	mathematical bold italic capital omega

### 13.2.8 Bold italic Greek, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D736	$\alpha$	$\alpha$	$\alpha$	$\alpha$	$\alpha$		<code>\mbfitalpha</code>	mathematical bold italic small alpha
1D737	$\beta$	$\beta$	$\beta$	$\beta$	$\beta$		<code>\mbfitbeta</code>	mathematical bold italic small beta
1D738	$\gamma$	$\gamma$	$\gamma$	$\gamma$	$\gamma$		<code>\mbfitgamma</code>	mathematical bold italic small gamma
1D739	$\delta$	$\delta$	$\delta$	$\delta$	$\delta$		<code>\mbfitdelta</code>	mathematical bold italic small delta
1D73A	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$		<code>\mbfitepsilon</code>	mathematical bold italic small epsilon
1D73B	$\zeta$	$\zeta$	$\zeta$	$\zeta$	$\zeta$		<code>\mbfitzeta</code>	mathematical bold italic small zeta
1D73C	$\eta$	$\eta$	$\eta$	$\eta$	$\eta$		<code>\mbfiteta</code>	mathematical bold italic small eta
1D73D	$\theta$	$\theta$	$\theta$	$\theta$	$\theta$		<code>\mbfittheta</code>	mathematical bold italic small theta
1D73E	$\iota$	$\iota$	$\iota$	$\iota$	$\iota$		<code>\mbfitiota</code>	mathematical bold italic small iota
1D73F	$\kappa$	$\kappa$	$\kappa$	$\kappa$	$\kappa$		<code>\mbfitkappa</code>	mathematical bold italic small kappa
1D740	$\lambda$	$\lambda$	$\lambda$	$\lambda$	$\lambda$		<code>\mbfitlambda</code>	mathematical bold italic small lambda
1D741	$\mu$	$\mu$	$\mu$	$\mu$	$\mu$		<code>\mbfitmu</code>	mathematical bold italic small mu
1D742	$\nu$	$\nu$	$\nu$	$\nu$	$\nu$		<code>\mbfitnu</code>	mathematical bold italic small nu
1D743	$\xi$	$\xi$	$\xi$	$\xi$	$\xi$		<code>\mbfitxi</code>	mathematical bold italic small xi
1D744	$\omicron$	$\omicron$	$\omicron$	$\omicron$	$\omicron$		<code>\mbfitomicron</code>	mathematical bold italic small omicron
1D745	$\pi$	$\pi$	$\pi$	$\pi$	$\pi$		<code>\mbfitpi</code>	mathematical bold italic small pi
1D746	$\rho$	$\rho$	$\rho$	$\rho$	$\rho$		<code>\mbfitrho</code>	mathematical bold italic small rho
1D747	$\varsigma$	$\varsigma$	$\varsigma$	$\varsigma$	$\varsigma$		<code>\mbfitvarsigma</code>	mathematical bold italic small final sigma
1D748	$\sigma$	$\sigma$	$\sigma$	$\sigma$	$\sigma$		<code>\mbfitsigma</code>	mathematical bold italic small sigma
1D749	$\tau$	$\tau$	$\tau$	$\tau$	$\tau$		<code>\mbfittau</code>	mathematical bold italic small tau
1D74A	$\upsilon$	$\upsilon$	$\upsilon$	$\upsilon$	$\upsilon$		<code>\mbfitupsilon</code>	mathematical bold italic small upsilon
1D74B	$\varphi$	$\varphi$	$\varphi$	$\varphi$	$\varphi$		<code>\mbfitphi</code>	mathematical bold italic small phi
1D74C	$\chi$	$\chi$	$\chi$	$\chi$	$\chi$		<code>\mbfitchi</code>	mathematical bold italic small chi
1D74D	$\psi$	$\psi$	$\psi$	$\psi$	$\psi$		<code>\mbfitpsi</code>	mathematical bold italic small psi
1D74E	$\omega$	$\omega$	$\omega$	$\omega$	$\omega$		<code>\mbfitomega</code>	mathematical bold italic small omega
1D74F	$\partial$	$\partial$	$\partial$	$\partial$	$\partial$		<code>\mbfitpartial</code>	mathematical bold italic partial differential
1D750	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$		<code>\mbfitvarepsilon</code>	mathematical bold italic epsilon symbol
1D751	$\vartheta$	$\vartheta$	$\vartheta$	$\vartheta$	$\vartheta$		<code>\mbfitvartheta</code>	mathematical bold italic theta symbol
1D752	$\kappa$	$\kappa$	$\kappa$	$\kappa$	$\kappa$		<code>\mbfitvarkappa</code>	mathematical bold italic kappa symbol
1D753	$\phi$	$\phi$	$\phi$	$\phi$	$\phi$		<code>\mbfitvarphi</code>	mathematical bold italic phi symbol
1D754	$\varrho$	$\varrho$	$\varrho$	$\varrho$	$\varrho$		<code>\mbfitvarrho</code>	mathematical bold italic rho symbol
1D755	$\varpi$	$\varpi$	$\varpi$	$\varpi$	$\varpi$		<code>\mbfitvarpi</code>	mathematical bold italic pi symbol

### 13.2.9 Bold script, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D4D0	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<code>\mbfscrZ</code>	mathematical bold script capital z

### 13.2.10 Bold script, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D4EA		<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		<code>\mbfscra</code>	mathematical bold script small a
1D4EB		<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		<code>\mbfscrb</code>	mathematical bold script small b
1D4EC		<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		<code>\mbfscrc</code>	mathematical bold script small c
1D4ED		<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		<code>\mbfscrd</code>	mathematical bold script small d
1D4EE		<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		<code>\mbfscree</code>	mathematical bold script small e
1D4EF		<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		<code>\mbfscrf</code>	mathematical bold script small f
1D4F0		<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>		<code>\mbfscrg</code>	mathematical bold script small g
1D4F1		<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mbfscrh</code>	mathematical bold script small h
1D4F2		<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		<code>\mbfscri</code>	mathematical bold script small i
1D4F3		<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		<code>\mbfscrj</code>	mathematical bold script small j
1D4F4		<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mbfscrk</code>	mathematical bold script small k
1D4F5		<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mbfscrll</code>	mathematical bold script small l
1D4F6		<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mbfscrm</code>	mathematical bold script small m
1D4F7		<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mbfscrn</code>	mathematical bold script small n
1D4F8		<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		<code>\mbfscro</code>	mathematical bold script small o

USV	M	X	C	A	P	E	Macro	Description
1D4F9		<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>		<code>\mbfscrp</code>	mathematical bold script small p
1D4FA		<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>		<code>\mbfscrq</code>	mathematical bold script small q
1D4FB		<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>		<code>\mbfscrr</code>	mathematical bold script small r
1D4FC		<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>		<code>\mbfscrs</code>	mathematical bold script small s
1D4FD		<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>		<code>\mbfscrt</code>	mathematical bold script small t
1D4FE		<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>		<code>\mbfscru</code>	mathematical bold script small u
1D4FF		<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>		<code>\mbfscr v</code>	mathematical bold script small v
1D500		<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>		<code>\mbfscrw</code>	mathematical bold script small w
1D501		<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>		<code>\mbfscr x</code>	mathematical bold script small x
1D502		<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>		<code>\mbfscry</code>	mathematical bold script small y
1D503		<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>		<code>\mbfscrz</code>	mathematical bold script small z

### 13.2.11 Bold fraktur, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D56C	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<code>\mbffrakA</code>	mathematical bold fraktur capital a
1D56D	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<code>\mbffrakB</code>	mathematical bold fraktur capital b
1D56E	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<code>\mbffrakC</code>	mathematical bold fraktur capital c
1D56F	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<code>\mbffrakD</code>	mathematical bold fraktur capital d
1D570	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<code>\mbffrakE</code>	mathematical bold fraktur capital e
1D571	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<code>\mbffrakF</code>	mathematical bold fraktur capital f
1D572	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<code>\mbffrakG</code>	mathematical bold fraktur capital g
1D573	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<code>\mbffrakH</code>	mathematical bold fraktur capital h
1D574	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<code>\mbffrakI</code>	mathematical bold fraktur capital i
1D575	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<code>\mbffrakJ</code>	mathematical bold fraktur capital j
1D576	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<code>\mbffrakK</code>	mathematical bold fraktur capital k
1D577	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<code>\mbffrakL</code>	mathematical bold fraktur capital l
1D578	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<code>\mbffrakM</code>	mathematical bold fraktur capital m
1D579	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<code>\mbffrakN</code>	mathematical bold fraktur capital n
1D57A	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<code>\mbffrakO</code>	mathematical bold fraktur capital o
1D57B	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<code>\mbffrakP</code>	mathematical bold fraktur capital p
1D57C	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<code>\mbffrakQ</code>	mathematical bold fraktur capital q
1D57D	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<code>\mbffrakR</code>	mathematical bold fraktur capital r
1D57E	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<code>\mbffrakS</code>	mathematical bold fraktur capital s
1D57F	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<code>\mbffrakT</code>	mathematical bold fraktur capital t
1D580	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<code>\mbffrakU</code>	mathematical bold fraktur capital u
1D581	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<code>\mbffrakV</code>	mathematical bold fraktur capital v
1D582	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<code>\mbffrakW</code>	mathematical bold fraktur capital w
1D583	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<code>\mbffrakX</code>	mathematical bold fraktur capital x
1D584	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<code>\mbffrakY</code>	mathematical bold fraktur capital y
1D585	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<code>\mbffrakZ</code>	mathematical bold fraktur capital z

### 13.2.12 Bold fraktur, Latin, lowercase

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

### 13.2.13 Bold sans serif, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D5D4	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<code>\mbfsansA</code>	mathematical sans-serif bold capital a
1D5D5	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<code>\mbfsansB</code>	mathematical sans-serif bold capital b
1D5D6	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<code>\mbfsansC</code>	mathematical sans-serif bold capital c
1D5D7	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>	<code>\mbfsansD</code>	mathematical sans-serif bold capital d
1D5D8	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<code>\mbfsansE</code>	mathematical sans-serif bold capital e
1D5D9	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<code>\mbfsansF</code>	mathematical sans-serif bold capital f
1D5DA	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>	<code>\mbfsansG</code>	mathematical sans-serif bold capital g
1D5DB	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<code>\mbfsansH</code>	mathematical sans-serif bold capital h
1D5DC	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<code>\mbfsansI</code>	mathematical sans-serif bold capital i
1D5DD	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<b>J</b>	<code>\mbfsansJ</code>	mathematical sans-serif bold capital j
1D5DE	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<code>\mbfsansK</code>	mathematical sans-serif bold capital k
1D5DF	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>L</b>	<code>\mbfsansL</code>	mathematical sans-serif bold capital l
1D5E0	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<code>\mbfsansM</code>	mathematical sans-serif bold capital m
1D5E1	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<code>\mbfsansN</code>	mathematical sans-serif bold capital n
1D5E2	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<code>\mbfsansO</code>	mathematical sans-serif bold capital o
1D5E3	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<b>P</b>	<code>\mbfsansP</code>	mathematical sans-serif bold capital p
1D5E4	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<b>Q</b>	<code>\mbfsansQ</code>	mathematical sans-serif bold capital q



USV	M	X	C	A	P	E	Macro	Description
1D5E5	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>		<code>\mbfsansR</code>	mathematical sans-serif bold capital r
1D5E6	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>		<code>\mbfsansS</code>	mathematical sans-serif bold capital s
1D5E7	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>		<code>\mbfsansT</code>	mathematical sans-serif bold capital t
1D5E8	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>	<b>U</b>		<code>\mbfsansU</code>	mathematical sans-serif bold capital u
1D5E9	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<code>\mbfsansV</code>	mathematical sans-serif bold capital v
1D5EA	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>		<code>\mbfsansW</code>	mathematical sans-serif bold capital w
1D5EB	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		<code>\mbfsansX</code>	mathematical sans-serif bold capital x
1D5EC	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>		<code>\mbfsansY</code>	mathematical sans-serif bold capital y
1D5ED	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>		<code>\mbfsansZ</code>	mathematical sans-serif bold capital z

### 13.2.14 Bold sans serif, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D5EE	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>		<code>\mbfsansa</code>	mathematical sans-serif bold small a
1D5EF	<b>b</b>	<b>b</b>	<b>b</b>	<b>b</b>	<b>b</b>		<code>\mbfsansb</code>	mathematical sans-serif bold small b
1D5F0	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>		<code>\mbfsansc</code>	mathematical sans-serif bold small c
1D5F1	<b>d</b>	<b>d</b>	<b>d</b>	<b>d</b>	<b>d</b>		<code>\mbfsansd</code>	mathematical sans-serif bold small d
1D5F2	<b>e</b>	<b>e</b>	<b>e</b>	<b>e</b>	<b>e</b>		<code>\mbfsanse</code>	mathematical sans-serif bold small e
1D5F3	<b>f</b>	<b>f</b>	<b>f</b>	<b>f</b>	<b>f</b>		<code>\mbfsansf</code>	mathematical sans-serif bold small f
1D5F4	<b>g</b>	<b>g</b>	<b>g</b>	<b>g</b>	<b>g</b>		<code>\mbfsansg</code>	mathematical sans-serif bold small g
1D5F5	<b>h</b>	<b>h</b>	<b>h</b>	<b>h</b>	<b>h</b>		<code>\mbfsansh</code>	mathematical sans-serif bold small h
1D5F6	<b>i</b>	<b>i</b>	<b>i</b>	<b>i</b>	<b>i</b>		<code>\mbfsansi</code>	mathematical sans-serif bold small i
1D5F7	<b>j</b>	<b>j</b>	<b>j</b>	<b>j</b>	<b>j</b>		<code>\mbfsansj</code>	mathematical sans-serif bold small j
1D5F8	<b>k</b>	<b>k</b>	<b>k</b>	<b>k</b>	<b>k</b>		<code>\mbfsansk</code>	mathematical sans-serif bold small k
1D5F9	<b>l</b>	<b>l</b>	<b>l</b>	<b>l</b>	<b>l</b>		<code>\mbfsansl</code>	mathematical sans-serif bold small l
1D5FA	<b>m</b>	<b>m</b>	<b>m</b>	<b>m</b>	<b>m</b>		<code>\mbfsansm</code>	mathematical sans-serif bold small m
1D5FB	<b>n</b>	<b>n</b>	<b>n</b>	<b>n</b>	<b>n</b>		<code>\mbfsansn</code>	mathematical sans-serif bold small n
1D5FC	<b>o</b>	<b>o</b>	<b>o</b>	<b>o</b>	<b>o</b>		<code>\mbfsanso</code>	mathematical sans-serif bold small o
1D5FD	<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>	<b>p</b>		<code>\mbfsansp</code>	mathematical sans-serif bold small p
1D5FE	<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>	<b>q</b>		<code>\mbfsansq</code>	mathematical sans-serif bold small q
1D5FF	<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>	<b>r</b>		<code>\mbfsansr</code>	mathematical sans-serif bold small r
1D600	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>		<code>\mbfsanss</code>	mathematical sans-serif bold small s
1D601	<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>	<b>t</b>		<code>\mbfsanst</code>	mathematical sans-serif bold small t
1D602	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>		<code>\mbfsansu</code>	mathematical sans-serif bold small u
1D603	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>		<code>\mbfsansv</code>	mathematical sans-serif bold small v
1D604	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>		<code>\mbfsansw</code>	mathematical sans-serif bold small w
1D605	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>		<code>\mbfsansx</code>	mathematical sans-serif bold small x
1D606	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>		<code>\mbfsansy</code>	mathematical sans-serif bold small y
1D607	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>		<code>\mbfsansz</code>	mathematical sans-serif bold small z

### 13.2.15 Bold italic sans serif, Latin, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D63C	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>		<code>\mbfitalsansA</code>	mathematical sans-serif bold italic capital a
1D63D	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>		<code>\mbfitalsansB</code>	mathematical sans-serif bold italic capital b

USV	M	X	C	A	P	E	Macro	Description
1D63E	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>		<code>\mbfimitsansC</code>	mathematical sans-serif bold italic capital c
1D63F	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<code>\mbfimitsansD</code>	mathematical sans-serif bold italic capital d
1D640	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		<code>\mbfimitsansE</code>	mathematical sans-serif bold italic capital e
1D641	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>		<code>\mbfimitsansF</code>	mathematical sans-serif bold italic capital f
1D642	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>		<code>\mbfimitsansG</code>	mathematical sans-serif bold italic capital g
1D643	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>		<code>\mbfimitsansH</code>	mathematical sans-serif bold italic capital h
1D644	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>		<code>\mbfimitsansI</code>	mathematical sans-serif bold italic capital i
1D645	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>		<code>\mbfimitsansJ</code>	mathematical sans-serif bold italic capital j
1D646	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		<code>\mbfimitsansK</code>	mathematical sans-serif bold italic capital k
1D647	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>		<code>\mbfimitsansL</code>	mathematical sans-serif bold italic capital l
1D648	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		<code>\mbfimitsansM</code>	mathematical sans-serif bold italic capital m
1D649	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		<code>\mbfimitsansN</code>	mathematical sans-serif bold italic capital n
1D64A	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		<code>\mbfimitsansO</code>	mathematical sans-serif bold italic capital o
1D64B	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		<code>\mbfimitsansP</code>	mathematical sans-serif bold italic capital p
1D64C	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		<code>\mbfimitsansQ</code>	mathematical sans-serif bold italic capital q
1D64D	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		<code>\mbfimitsansR</code>	mathematical sans-serif bold italic capital r
1D64E	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		<code>\mbfimitsansS</code>	mathematical sans-serif bold italic capital s
1D64F	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<code>\mbfimitsansT</code>	mathematical sans-serif bold italic capital t
1D650	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<code>\mbfimitsansU</code>	mathematical sans-serif bold italic capital u
1D651	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<code>\mbfimitsansV</code>	mathematical sans-serif bold italic capital v
1D652	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<code>\mbfimitsansW</code>	mathematical sans-serif bold italic capital w
1D653	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<code>\mbfimitsansX</code>	mathematical sans-serif bold italic capital x
1D654	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<code>\mbfimitsansY</code>	mathematical sans-serif bold italic capital y
1D655	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		<code>\mbfimitsansZ</code>	mathematical sans-serif bold italic capital z

### 13.2.16 Bold italic sans serif, Latin, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D656	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		<code>\mbfimitsansa</code>	mathematical sans-serif bold italic small a
1D657	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		<code>\mbfimitsansb</code>	mathematical sans-serif bold italic small b
1D658	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		<code>\mbfimitsansc</code>	mathematical sans-serif bold italic small c
1D659	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		<code>\mbfimitsansd</code>	mathematical sans-serif bold italic small d
1D65A	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		<code>\mbfimitsanse</code>	mathematical sans-serif bold italic small e
1D65B	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		<code>\mbfimitsansf</code>	mathematical sans-serif bold italic small f
1D65C	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>		<code>\mbfimitsansg</code>	mathematical sans-serif bold italic small g
1D65D	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mbfimitsansh</code>	mathematical sans-serif bold italic small h
1D65E	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		<code>\mbfimitsansi</code>	mathematical sans-serif bold italic small i
1D65F	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		<code>\mbfimitsansj</code>	mathematical sans-serif bold italic small j
1D660	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mbfimitsansk</code>	mathematical sans-serif bold italic small k
1D661	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mbfimitsansl</code>	mathematical sans-serif bold italic small l
1D662	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mbfimitsansm</code>	mathematical sans-serif bold italic small m
1D663	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mbfimitsansn</code>	mathematical sans-serif bold italic small n
1D664	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		<code>\mbfimitsanso</code>	mathematical sans-serif bold italic small o
1D665	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<code>\mbfimitsansp</code>	mathematical sans-serif bold italic small p
1D666	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		<code>\mbfimitsansq</code>	mathematical sans-serif bold italic small q
1D667	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		<code>\mbfimitsansr</code>	mathematical sans-serif bold italic small r
1D668	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		<code>\mbfimitsanss</code>	mathematical sans-serif bold italic small s
1D669	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		<code>\mbfimitsanst</code>	mathematical sans-serif bold italic small t

USV	M	X	C	A	P	E	Macro	Description
1D66A	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>	<b>u</b>		<code>\mbfitsansu</code>	mathematical sans-serif bold italic small u
1D66B	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>	<b>v</b>		<code>\mbfitsansv</code>	mathematical sans-serif bold italic small v
1D66C	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>		<code>\mbfitsansw</code>	mathematical sans-serif bold italic small w
1D66D	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>		<code>\mbfitsansx</code>	mathematical sans-serif bold italic small x
1D66E	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>	<b>y</b>		<code>\mbfitsansy</code>	mathematical sans-serif bold italic small y
1D66F	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>	<b>z</b>		<code>\mbfitsansz</code>	mathematical sans-serif bold italic small z

### 13.2.17 Bold sans serif Greek, uppercase

USV	M	X	C	A	P	E	Macro	Description
1D756	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>		<code>\mbfsansAlpha</code>	mathematical sans-serif bold capital alpha
1D757	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>		<code>\mbfsansBeta</code>	mathematical sans-serif bold capital beta
1D758	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>	<b>Γ</b>		<code>\mbfsansGamma</code>	mathematical sans-serif bold capital gamma
1D759	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>	<b>Δ</b>		<code>\mbfsansDelta</code>	mathematical sans-serif bold capital delta
1D75A	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>		<code>\mbfsansEpsilon</code>	mathematical sans-serif bold capital epsilon
1D75B	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>		<code>\mbfsansZeta</code>	mathematical sans-serif bold capital zeta
1D75C	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>		<code>\mbfsansEta</code>	mathematical sans-serif bold capital eta
1D75D	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>	<b>Θ</b>		<code>\mbfsansTheta</code>	mathematical sans-serif bold capital theta
1D75E	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>I</b>		<code>\mbfsansIota</code>	mathematical sans-serif bold capital iota
1D75F	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>		<code>\mbfsansKappa</code>	mathematical sans-serif bold capital kappa
1D760	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>	<b>Λ</b>		<code>\mbfsansLambda</code>	mathematical sans-serif bold capital lambda
1D761	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>		<code>\mbfsansMu</code>	mathematical sans-serif bold capital mu
1D762	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>		<code>\mbfsansNu</code>	mathematical sans-serif bold capital nu
1D763	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>	<b>Ξ</b>		<code>\mbfsansXi</code>	mathematical sans-serif bold capital xi
1D764	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>		<code>\mbfsansOmicron</code>	mathematical sans-serif bold capital omicron
1D765	<b>Π</b>	<b>Π</b>	<b>Π</b>	<b>Π</b>	<b>Π</b>		<code>\mbfsansPi</code>	mathematical sans-serif bold capital pi
1D766	<b>P</b>	<b>P</b>	<b>Θ</b>	<b>P</b>	<b>P</b>		<code>\mbfsansRho</code>	mathematical sans-serif bold capital rho
1D767	<b>Θ</b>	<b>Θ</b>	<b>P</b>	<b>Θ</b>	<b>Θ</b>		<code>\mbfsansvarTheta</code>	mathematical sans-serif bold capital theta symbol
1D768	<b>Σ</b>	<b>Σ</b>	<b>Σ</b>	<b>Σ</b>	<b>Σ</b>		<code>\mbfsansSigma</code>	mathematical sans-serif bold capital sigma
1D769	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>		<code>\mbfsansTau</code>	mathematical sans-serif bold capital tau
1D76A	<b>Υ</b>	<b>Υ</b>	<b>Υ</b>	<b>Υ</b>	<b>Υ</b>		<code>\mbfsansUpsilon</code>	mathematical sans-serif bold capital upsilon
1D76B	<b>Φ</b>	<b>Φ</b>	<b>Φ</b>	<b>Φ</b>	<b>Φ</b>		<code>\mbfsansPhi</code>	mathematical sans-serif bold capital phi
1D76C	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		<code>\mbfsansChi</code>	mathematical sans-serif bold capital chi
1D76D	<b>Ψ</b>	<b>Ψ</b>	<b>Ψ</b>	<b>Ψ</b>	<b>Ψ</b>		<code>\mbfsansPsi</code>	mathematical sans-serif bold capital psi
1D76E	<b>Ω</b>	<b>Ω</b>	<b>Ω</b>	<b>Ω</b>	<b>Ω</b>		<code>\mbfsansOmega</code>	mathematical sans-serif bold capital omega

### 13.2.18 Bold sans serif Greek, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D770	<b>α</b>	<b>α</b>	<b>α</b>	<b>α</b>	<b>α</b>		<code>\mbfsansalpha</code>	mathematical sans-serif bold small alpha
1D771	<b>β</b>	<b>β</b>	<b>β</b>	<b>β</b>	<b>β</b>		<code>\mbfsansbeta</code>	mathematical sans-serif bold small beta
1D772	<b>γ</b>	<b>γ</b>	<b>γ</b>	<b>γ</b>	<b>γ</b>		<code>\mbfsansgamma</code>	mathematical sans-serif bold small gamma
1D773	<b>δ</b>	<b>δ</b>	<b>δ</b>	<b>δ</b>	<b>δ</b>		<code>\mbfsansdelta</code>	mathematical sans-serif bold small delta
1D774	<b>ε</b>	<b>ε</b>	<b>ε</b>	<b>ε</b>	<b>ε</b>		<code>\mbfsansepsilon</code>	mathematical sans-serif bold small epsilon
1D775	<b>ζ</b>	<b>ζ</b>	<b>ζ</b>	<b>ζ</b>	<b>ζ</b>		<code>\mbfsanszeta</code>	mathematical sans-serif bold small zeta

USV	M	X	C	A	P	E	Macro	Description
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	A	P	E	Macro	Description
1D790	Α	Α	Α	Α	Α		\mbfitsansAlpha	mathematical sans-serif bold italic capital alpha
1D791	Β	Β	Β	Β	Β		\mbfitsansBeta	mathematical sans-serif bold italic capital beta
1D792	Γ	Γ	Γ	Γ	Γ		\mbfitsansGamma	mathematical sans-serif bold italic capital gamma
1D793	Δ	Δ	Δ	Δ	Δ		\mbfitsansDelta	mathematical sans-serif bold italic capital delta
1D794	Ε	Ε	Ε	Ε	Ε		\mbfitsansEpsilon	mathematical sans-serif bold italic capital epsilon
1D795	Ζ	Ζ	Ζ	Ζ	Ζ		\mbfitsansZeta	mathematical sans-serif bold italic capital zeta
1D796	Η	Η	Η	Η	Η		\mbfitsansEta	mathematical sans-serif bold italic capital eta
1D797	Θ	Θ	Θ	Θ	Θ		\mbfitsansTheta	mathematical sans-serif bold italic capital theta
1D798	Ι	Ι	Ι	Ι	Ι		\mbfitsansIota	mathematical sans-serif bold italic capital iota
1D799	Κ	Κ	Κ	Κ	Κ		\mbfitsansKappa	mathematical sans-serif bold italic capital kappa
1D79A	Λ	Λ	Λ	Λ	Λ		\mbfitsansLambda	mathematical sans-serif bold italic capital lambda
1D79B	Μ	Μ	Μ	Μ	Μ		\mbfitsansMu	mathematical sans-serif bold italic capital mu
1D79C	Ν	Ν	Ν	Ν	Ν		\mbfitsansNu	mathematical sans-serif bold italic capital nu
1D79D	Ξ	Ξ	Ξ	Ξ	Ξ		\mbfitsansXi	mathematical sans-serif bold italic capital xi
1D79E	Ο	Ο	Ο	Ο	Ο		\mbfitsansOmicron	mathematical sans-serif bold italic capital omicron
1D79F	Π	Π	Π	Π	Π		\mbfitsansPi	mathematical sans-serif bold italic capital pi
1D7A0	Ρ	Ρ	Ρ	Ρ	Ρ		\mbfitsansRho	mathematical sans-serif bold italic capital rho

USV	M	X	C	A	P	E	Macro	Description
1D7A1	$\Theta$	$\Theta$	$\Theta$	$\Theta$	$\Theta$		<code>\mbfitsansvarTheta</code>	mathematical sans-serif bold italic capital theta symbol
1D7A2	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$	$\Sigma$		<code>\mbfitsansSigma</code>	mathematical sans-serif bold italic capital sigma
1D7A3	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$		<code>\mbfitsansTau</code>	mathematical sans-serif bold italic capital tau
1D7A4	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$	$\Upsilon$		<code>\mbfitsansUpsilon</code>	mathematical sans-serif bold italic capital upsilon
1D7A5	$\Phi$	$\Phi$	$\Phi$	$\Phi$	$\Phi$		<code>\mbfitsansPhi</code>	mathematical sans-serif bold italic capital phi
1D7A6	$\Chi$	$\Chi$	$\Chi$	$\Chi$	$\Chi$		<code>\mbfitsansChi</code>	mathematical sans-serif bold italic capital chi
1D7A7	$\Psi$	$\Psi$	$\Psi$	$\Psi$	$\Psi$		<code>\mbfitsansPsi</code>	mathematical sans-serif bold italic capital psi
1D7A8	$\Omega$	$\Omega$	$\Omega$	$\Omega$	$\Omega$		<code>\mbfitsansOmega</code>	mathematical sans-serif bold italic capital omega

### 13.2.20 Bold italic sans serif Greek, lowercase

USV	M	X	C	A	P	E	Macro	Description
1D7AA	$\alpha$	$\alpha$	$\alpha$	$\alpha$	$\alpha$		<code>\mbfitsansalpha</code>	mathematical sans-serif bold italic small alpha
1D7AB	$\beta$	$\beta$	$\beta$	$\beta$	$\beta$		<code>\mbfitsansbeta</code>	mathematical sans-serif bold italic small beta
1D7AC	$\gamma$	$\gamma$	$\gamma$	$\gamma$	$\gamma$		<code>\mbfitsansgamma</code>	mathematical sans-serif bold italic small gamma
1D7AD	$\delta$	$\delta$	$\delta$	$\delta$	$\delta$		<code>\mbfitsansdelta</code>	mathematical sans-serif bold italic small delta
1D7AE	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$		<code>\mbfitsansepsilon</code>	mathematical sans-serif bold italic small epsilon
1D7AF	$\zeta$	$\zeta$	$\zeta$	$\zeta$	$\zeta$		<code>\mbfitsanszeta</code>	mathematical sans-serif bold italic small zeta
1D7B0	$\eta$	$\eta$	$\eta$	$\eta$	$\eta$		<code>\mbfitsanseta</code>	mathematical sans-serif bold italic small eta
1D7B1	$\theta$	$\theta$	$\theta$	$\theta$	$\theta$		<code>\mbfitsanstheta</code>	mathematical sans-serif bold italic small theta
1D7B2	$\iota$	$\iota$	$\iota$	$\iota$	$\iota$		<code>\mbfitsansiota</code>	mathematical sans-serif bold italic small iota
1D7B3	$\kappa$	$\kappa$	$\kappa$	$\kappa$	$\kappa$		<code>\mbfitsanskappa</code>	mathematical sans-serif bold italic small kappa
1D7B4	$\lambda$	$\lambda$	$\lambda$	$\lambda$	$\lambda$		<code>\mbfitsanslambda</code>	mathematical sans-serif bold italic small lambda
1D7B5	$\mu$	$\mu$	$\mu$	$\mu$	$\mu$		<code>\mbfitsansmu</code>	mathematical sans-serif bold italic small mu
1D7B6	$\nu$	$\nu$	$\nu$	$\nu$	$\nu$		<code>\mbfitsansnu</code>	mathematical sans-serif bold italic small nu
1D7B7	$\xi$	$\xi$	$\xi$	$\xi$	$\xi$		<code>\mbfitsansxi</code>	mathematical sans-serif bold italic small xi
1D7B8	$\omicron$	$\omicron$	$\omicron$	$\omicron$	$\omicron$		<code>\mbfitsansomicron</code>	mathematical sans-serif bold italic small omicron
1D7B9	$\pi$	$\pi$	$\pi$	$\pi$	$\pi$		<code>\mbfitsanspi</code>	mathematical sans-serif bold italic small pi
1D7BA	$\rho$	$\rho$	$\rho$	$\rho$	$\rho$		<code>\mbfitsansrho</code>	mathematical sans-serif bold italic small rho
1D7BB	$\varsigma$	$\varsigma$	$\varsigma$	$\varsigma$	$\varsigma$		<code>\mbfitsansvarsigma</code>	mathematical sans-serif bold italic small final sigma
1D7BC	$\sigma$	$\sigma$	$\sigma$	$\sigma$	$\sigma$		<code>\mbfitsanssigma</code>	mathematical sans-serif bold italic small sigma
1D7BD	$\tau$	$\tau$	$\tau$	$\tau$	$\tau$		<code>\mbfitsanstau</code>	mathematical sans-serif bold italic small tau
1D7BE	$\upsilon$	$\upsilon$	$\upsilon$	$\upsilon$	$\upsilon$		<code>\mbfitsansupsilon</code>	mathematical sans-serif bold italic small upsilon
1D7BF	$\phi$	$\phi$	$\phi$	$\phi$	$\phi$		<code>\mbfitsansphi</code>	mathematical sans-serif bold italic small phi
1D7C0	$\chi$	$\chi$	$\chi$	$\chi$	$\chi$		<code>\mbfitsanschi</code>	mathematical sans-serif bold italic small chi
1D7C1	$\psi$	$\psi$	$\psi$	$\psi$	$\psi$		<code>\mbfitsanspsi</code>	mathematical sans-serif bold italic small psi
1D7C2	$\omega$	$\omega$	$\omega$	$\omega$	$\omega$		<code>\mbfitsansomega</code>	mathematical sans-serif bold italic small omega
1D7C3	$\partial$	$\partial$	$\partial$	$\partial$	$\partial$		<code>\mbfitsanspartial</code>	mathematical sans-serif bold italic partial differential
1D7C4	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$	$\epsilon$		<code>\mbfitsansvarepsilon</code>	mathematical sans-serif bold italic epsilon symbol
1D7C5	$\vartheta$	$\vartheta$	$\vartheta$	$\vartheta$	$\vartheta$		<code>\mbfitsansvartheta</code>	mathematical sans-serif bold italic theta symbol
1D7C6	$\kappa$	$\kappa$	$\kappa$	$\kappa$	$\kappa$		<code>\mbfitsansvarkappa</code>	mathematical sans-serif bold italic kappa symbol
1D7C7	$\phi$	$\phi$	$\phi$	$\phi$	$\phi$		<code>\mbfitsansvarphi</code>	mathematical sans-serif bold italic phi symbol
1D7C8	$\rho$	$\rho$	$\rho$	$\rho$	$\rho$		<code>\mbfitsansvarrho</code>	mathematical sans-serif bold italic rho symbol
1D7C9	$\varpi$	$\varpi$	$\varpi$	$\varpi$	$\varpi$		<code>\mbfitsansvarpi</code>	mathematical sans-serif bold italic pi symbol

### 13.3 Miscellaneous

USV	M	X	C	A	P	E	Macro	Description
00F0	ð	ð	ð	ð	ð		<code>\matheth</code>	eth
02102	Ⓒ	Ⓒ	Ⓒ	Ⓒ	Ⓒ		<code>\BbbC</code>	/bbb c, open face c
0210A		ℒ	ℒ	ℒ	ℒ		<code>\mscrG</code>	/scr g, script letter g
0210B	ℋ	ℋ	ℋ	ℋ	ℋ	ℋ	<code>\mscrH</code>	hamiltonian (script capital h)
0210C	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	<code>\mfracH</code>	/frac h, upper case h
0210D	ℍ	ℍ	ℍ	ℍ	ℍ		<code>\BbbH</code>	/bbb h, open face h
0210F	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	<code>\hslash<sup>(a)</sup></code>	/hslash - variant planck's over 2pi
02110	ℐ	ℐ	ℐ	ℐ	ℐ	ℐ	<code>\mscrI</code>	/scr i, script letter i
02111	ℑ	ℑ	ℑ	ℑ	ℑ	ℑ	<code>\Im<sup>(p)</sup></code>	imaginary part
02112	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	<code>\mscrL</code>	lagrangian (script capital l)
02113	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	<code>\ell<sup>(p)</sup></code>	cursive small l
02115	ℕ	ℕ	ℕ	ℕ	ℕ		<code>\BbbN</code>	/bbb n, open face n
02118	℘	℘	℘	℘	℘	℘	<code>\wp<sup>(p)</sup></code>	weierstrass p
02119	ℙ	ℙ	ℙ	ℙ	ℙ		<code>\BbbP</code>	/bbb p, open face p
0211A	ℚ	ℚ	ℚ	ℚ	ℚ		<code>\BbbQ</code>	/bbb q, open face q
0211B	℞	℞	℞	℞	℞	℞	<code>\mscrR</code>	/scr r, script letter r
0211C	ℜ	ℜ	ℜ	ℜ	ℜ	ℜ	<code>\Re<sup>(p)</sup></code>	real part
0211D	ℝ	ℝ	ℝ	ℝ	ℝ		<code>\BbbR</code>	/bbb r, open face r
02124	ℤ	ℤ	ℤ	ℤ	ℤ		<code>\BbbZ</code>	/bbb z, open face z
02128	ℤ	ℤ	ℤ	ℤ	ℤ	ℤ	<code>\mfracZ</code>	/frac z, upper case z
02129		ι	ι	ι			<code>\turnediota</code>	turned iota
0212B	Å	Å	Å	Å	Å		<code>\Angstrom</code>	angstrom capital a, ring
0212C	ℬ	ℬ	ℬ	ℬ	ℬ	ℬ	<code>\mscrB</code>	bernoulli function (script capital b)
0212D	Ⓒ	Ⓒ	Ⓒ	Ⓒ	Ⓒ	Ⓒ	<code>\mfracC</code>	black-letter capital c
0212F		ℓ	ℓ	ℓ	ℓ		<code>\mscre</code>	/scr e, script letter e
02130	ℰ	ℰ	ℰ	ℰ	ℰ	ℰ	<code>\mscrE</code>	/scr e, script letter e
02131	ℱ	ℱ	ℱ	ℱ	ℱ	ℱ	<code>\mscrF</code>	/scr f, script letter f
02133	ℳ	ℳ	ℳ	ℳ	ℳ	ℳ	<code>\mscrM</code>	physics m-matrix (script capital m)
02134		ο	ο	ο	ο		<code>\mscro</code>	order of (script small o)
02135	ℵ	ℵ	ℵ	ℵ	ℵ	ℵ	<code>\aleph<sup>(p)</sup></code>	aleph, hebrew
02136	⌋	⌋	⌋	⌋	⌋		<code>\beth<sup>(a)</sup></code>	beth, hebrew
02137	⌌	⌌	⌌	⌌	⌌		<code>\gimel<sup>(a)</sup></code>	gimel, hebrew
02138	⌍	⌍	⌍	⌍	⌍		<code>\daleth<sup>(a)</sup></code>	daleth, hebrew
0213D	⦶	⦶	⦶	⦶	⦶		<code>\Bbbgamma</code>	double-struck small gamma
0213E	⦷	⦷	⦷	⦷	⦷		<code>\BbbGamma</code>	double-struck capital gamma
0213F	⦸	⦸	⦸	⦸	⦸		<code>\BbbPi</code>	double-struck capital pi
02202	∂	∂	∂	∂	∂	∂	<code>\partial<sup>(p)</sup></code>	partial differential
02207	∇	∇	∇	∇	∇	∇	<code>\nabla<sup>(p)</sup></code>	nabla, del, hamilton operator
1D6A4	Ⅎ	Ⅎ	Ⅎ	Ⅎ	Ⅎ		<code>\imath<sup>(p)</sup></code>	mathematical italic small dotless i
1D6A5	ℳ	ℳ	ℳ	ℳ	ℳ		<code>\jmath<sup>(p)</sup></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		⦶	⦶	⦶			<code>\mbfDigamma</code>	mathematical bold capital digamma
1D7CB		⦶	⦶	⦶			<code>\mbfdigamma</code>	mathematical bold small digamma

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usv	M	X	C	A	P	E	Macro	Description
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