

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. The following fonts are shown: (with approximate symbol counts)

L **Latin Modern Math** (1585)

X **XITS Math** (2427)

S **STIX Math Two** (2422)

P **TeX Gyre Pagella Math** (1638)

D **DejaVu Math TeX Gyre** (1640)

F **Fira Math** (934)

Symbols defined in Plain $\mathrm{T}_{\mathrm{E}}\mathrm{X}$ are indicated with ^(p) after their macro name. $\mathrm{L}^{\mathrm{A}}\mathrm{T}_{\mathrm{E}}\mathrm{X}$ follows Plain $\mathrm{T}_{\mathrm{E}}\mathrm{X}$, but defines a handful more, indicated with ^(l). Symbols defined in `amssymb` are indicated with ^(a).

Note that this list of fonts is not intended to be exhaustive but I am happy to add new fonts by request if they are distributed in $\mathrm{T}_{\mathrm{E}}\mathrm{X}$ Live.¹

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¹Only a single $\mathrm{T}_{\mathrm{E}}\mathrm{X}$ Gyre Math font is shown here by design as they all largely have the same symbol coverage.

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1 Opening symbols, \mathopen

USV	L	X	S	P	D	F	Macro	Description
U+00028	((((((\lparen	left parenthesis
U+0005B	[[[[[[\lbrack	left square bracket
U+0007B	{	{	{	{	{	{	\lbrace ^(p)	left curly bracket
U+0221A	√	√	√	√	√	√	\sqrt ^(p)	radical
U+0221B		√ ³	√ ³			√ ³	\cuberoot	cube root
U+0221C		√ ⁴	√ ⁴			√ ⁴	\fourthroot	fourth root
U+02308	⌈	⌈	⌈	⌈	⌈	⌈	\lceil ^(p)	left ceiling
U+0230A	⌋	⌋	⌋	⌋	⌋	⌋	\lfloor ^(p)	left floor
U+0231C	⌑	⌑	⌑	⌑	⌑		\ulcorner	upper left corner
U+0231E	⌐	⌐	⌐	⌐	⌐		\llcorner	lower left corner
U+023B0		⌋	⌋				\lmoustache ^(p)	upper left or lower right curly bracket section
U+02772		⌞	⌞				\lbrbrak	light left tortoise shell bracket ornament
U+027C5		⌢	⌢				\lbag	left s-shaped bag delimiter
U+027CC		⌣	⌣				\longdivision	long division
U+027E6	⌈	⌈	⌈	⌈	⌈		\lBrack	mathematical left white square bracket
U+027E8	⌈	⌈	⌈	⌈	⌈	⌈	\langle ^(p)	mathematical left angle bracket
U+027EA	⌈	⌈	⌈	⌈	⌈	⌈	\lAngle	mathematical left double angle bracket
U+027EC		⌈	⌈				\Lbrbrak	mathematical left white tortoise shell bracket
U+027EE	((((((\lgroup ^(p)	mathematical left flattened parenthesis
U+02983		⌈	⌈				\lBrace	left white curly bracket
U+02985		⌈	⌈				\lParen	left white parenthesis
U+02987		⌈	⌈				\llparenthesis	z notation left image bracket
U+02989		⌈	⌈				\llangle	z notation left binding bracket

USV	L	X	S	P	D	F	Macro	Description
U+0298B		⌊	⌋				<code>\lbrackubar</code>	left square bracket with underbar
U+0298D		⌊	⌋				<code>\lbrackultick</code>	left square bracket with tick in top corner
U+0298F		⌊	⌋				<code>\lbracklltick</code>	left square bracket with tick in bottom corner
U+02991		⌵	⌶				<code>\langedot</code>	left angle bracket with dot
U+02993		⌷	⌸				<code>\lparenless</code>	left arc less-than bracket
U+02995		⌹	⌺				<code>\Lparengtr</code>	double left arc greater-than bracket
U+02997		⌻	⌼				<code>\lblrbrak</code>	left black tortoise shell bracket
U+029D8		⌿	⌿				<code>\lvzigzag</code>	left wiggly fence
U+029DA		⌿	⌿				<code>\Lvzigzag</code>	left double wiggly fence
U+029FC		⌵	⌶				<code>\lcurvyangle</code>	left pointing curved angle bracket

2 Closing symbols, `\mathclose`

USV	L	X	S	P	D	F	Macro	Description
U+00021	!	!	!	!	!	!	<code>\mathexclam</code>	exclamation mark
U+00029))))))	<code>\rparen</code>	right parenthesis
U+0005D]]]]]]	<code>\rbrack</code>	right square bracket
U+0007D	}	}	}	}	}	}	<code>\rbrace^(p)</code>	right curly bracket
U+02309	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rceil^(p)</code>	right ceiling
U+0230B	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rfloor^(p)</code>	right floor
U+0231D	⌌	⌌	⌌	⌌	⌌		<code>\urcorner</code>	upper right corner
U+0231F	⌍	⌍	⌍	⌍	⌍		<code>\lrcorner</code>	lower right corner
U+023B1	⌋	⌋	⌋				<code>\rmoustache^(p)</code>	upper right or lower left curly bracket section
U+02773)))				<code>\rbrbrak</code>	light right tortoise shell bracket ornament
U+027C6	⌋	⌋	⌋				<code>\rbag</code>	right s-shaped bag delimiter
U+027E7	⌋	⌋	⌋	⌋	⌋		<code>\rBrack</code>	mathematical right white square bracket
U+027E9	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rangle^(p)</code>	mathematical right angle bracket
U+027EB	⌋	⌋	⌋	⌋	⌋	⌋	<code>\rAngle</code>	mathematical right double angle bracket
U+027ED	⌋	⌋	⌋				<code>\Rbrbrak</code>	mathematical right white tortoise shell bracket
U+027EF))))))	<code>\rgroup^(p)</code>	mathematical right flattened parenthesis
U+02984	⌋	⌋	⌋				<code>\rBrace</code>	right white curly bracket
U+02986	⌋	⌋	⌋				<code>\rParen</code>	right white parenthesis
U+02988	⌋	⌋	⌋				<code>\rrparenthesis</code>	z notation right image bracket
U+0298A	⌋	⌋	⌋				<code>\rrangle</code>	z notation right binding bracket
U+0298C	⌋	⌋	⌋				<code>\rbrackubar</code>	right square bracket with underbar
U+0298E	⌋	⌋	⌋				<code>\rbracklrtick</code>	right square bracket with tick in bottom corner
U+02990	⌋	⌋	⌋				<code>\rbrackurtick</code>	right square bracket with tick in top corner

USV	L	X	S	P	D	F	Macro	Description
U+02992		›	›				<code>\rangledot</code>	right angle bracket with dot
U+02994		›	›				<code>\rparengtr</code>	right arc greater-than bracket
U+02996		›	›				<code>\Rparenless</code>	double right arc less-than bracket
U+02998		›	›				<code>\rblkbrrak</code>	right black tortoise shell bracket
U+029D9		›	›				<code>\rvzigzag</code>	right wiggly fence
U+029DB		›	›				<code>\Rvzigzag</code>	right double wiggly fence
U+029FD		›	›				<code>\rcurvyangle</code>	right pointing curved angle bracket

3 Fence symbols, `\mathfence`

USV	L	X	S	P	D	F	Macro	Description
U+0007C							<code>\vert^(p)</code>	vertical bar
U+02016							<code>\Vert^(p)</code>	double vertical bar
U+02980							<code>\Vvert</code>	triple vertical bar delimiter

4 Punctuation symbols, `\mathpunct`

USV	L	X	S	P	D	F	Macro	Description
U+0002C	,	,	,	,	,	,	<code>\mathcomma</code>	comma
U+0003A	:	:	:	:	:	:	<code>\mathcolon</code>	colon
U+0003B	;	;	;	;	;	;	<code>\mathsemicolon</code>	semicolon p:

5 ‘Over’ symbols, `\mathover`

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

6 ‘Under’ symbols, `\mathunder`

USV	L	X	S	P	D	F	Macro	Description
U+023B5	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\underbracket</code>	bottom square bracket
U+023DD	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	<code>\underparen</code>	bottom parenthesis (mathematical use)

USV	L	X	S	P	D	F	Macro	Description
U+023DF	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	<code>\underbrace^(p)</code>	bottom curly bracket (mathematical use)

7 Accents, \mathaccent

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

USV	L	X	S	P	D	F	Macro	Description
U+00300	\grave{x}	\grave{x}	\grave{x}	\grave{x}	\grave{x}	\grave{x}	<code>\grave{grave}^{(p)}</code>	grave accent
U+00301	\acute{x}	\acute{x}	\acute{x}	\acute{x}	\acute{x}	\acute{x}	<code>\acute{acute}^{(p)}</code>	acute accent
U+00302	\hat{x}	\hat{x}	\hat{x}	\hat{x}	\hat{x}	\hat{x}	<code>\hat{hat}^{(p)}</code>	circumflex accent
U+00303	\tilde{x}	\tilde{x}	\tilde{x}	\tilde{x}	\tilde{x}	\tilde{x}	<code>\tilde{tilde}^{(p)}</code>	tilde
U+00304	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	<code>\bar{bar}^{(p)}</code>	macron
U+00305	\overline{x}	\overline{x}	\overline{x}	\overline{x}	\overline{x}	\overline{x}	<code>\overbar</code>	overbar embellishment
U+00306	\breve{x}	\breve{x}	\breve{x}	\breve{x}	\breve{x}	\breve{x}	<code>\breve{breve}^{(p)}</code>	breve
U+00307	\dot{x}	\dot{x}	\dot{x}	\dot{x}	\dot{x}	\dot{x}	<code>\dot{dot}^{(p)}</code>	dot above
U+00308	\ddot{x}	\ddot{x}	\ddot{x}	\ddot{x}	\ddot{x}	\ddot{x}	<code>\ddot{ddot}^{(p)}</code>	dieresis
U+00309	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	<code>\mathring{ovhook}</code>	combining hook above
U+0030A	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	\mathring{x}	<code>\mathring{ocirc}</code>	ring
U+0030C	\check{x}	\check{x}	\check{x}	\check{x}	\check{x}	\check{x}	<code>\check{check}^{(p)}</code>	caron
U+00310		\mathring{x}	\mathring{x}				<code>\mathring{candra}</code>	candrabindu (non-spacing)
U+00312		\mathring{x}	\mathring{x}			\mathring{x}	<code>\mathring{oturnedcomma}</code>	combining turned comma above
U+00315		\mathring{x}	\mathring{x}				<code>\mathring{ocommatopright}</code>	combining comma above right
U+0031A		\mathring{x}	\mathring{x}			\mathring{x}	<code>\mathring{droang}</code>	left angle above (non-spacing)
U+020D0	\overleftarrow{x}	\overleftarrow{x}	\overleftarrow{x}	\overleftarrow{x}	\overleftarrow{x}	\overleftarrow{x}	<code>\overleftarrow{leftharpoonaccent}</code>	combining left harpoon above
U+020D1	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	<code>\overrightarrow{rightharpoonaccent}</code>	combining right harpoon above
U+020D2	$\overline{\text{t}}$	$\overline{\text{t}}$	$\overline{\text{t}}$	$\overline{\text{t}}$	$\overline{\text{t}}$	$\overline{\text{t}}$	<code>\overline{vertoverlay}</code>	combining long vertical line overlay
U+020D7	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	\overrightarrow{x}	<code>\overrightarrow{vec}^{(p)}</code>	combining right arrow above
U+020DB	$\overline{\overline{\overline{x}}}$	$\overline{\overline{\overline{x}}}$	$\overline{\overline{\overline{x}}}$	$\overline{\overline{\overline{x}}}$	$\overline{\overline{\overline{x}}}$	$\overline{\overline{\overline{x}}}$	<code>\overline{\overline{\overline{ddd}}}dot</code>	combining three dots above
U+020DC	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	$\overline{\overline{\overline{\overline{\overline{x}}}}}$	<code>\overline{\overline{\overline{\overline{\overline{ddd}}}dot}</code>	combining four dots above

USV	L	X	S	P	D	F	Macro	Description
U+020E7							<code>\annuity</code>	combining annuity symbol
U+020E9							<code>\widebridgeabove</code>	combining wide bridge above
U+020F0							<code>\asteraccent</code>	combining asterisk above


































































8 Bottom accents, `\mathbotaccent`











































USV	L	X	S	P	D	F	Macro	Description
U+020E8							<code>\threeunderdot</code>	combining triple underdot





























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	L	X	S	P	D	F	Macro	Description
U+02140	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1		<code>\Bbbsum</code>	double-struck n-ary summation
U+0220F	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	<code>\prod^{(p)}</code>	product operator
U+02210	\coprod_0^1	\coprod_0^1	\coprod_0^1	\coprod_0^1	\coprod_0^1	\coprod_0^1	<code>\coprod^{(p)}</code>	coproduct operator
U+02211	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	\sum_0^1	<code>\sum^{(p)}</code>	summation operator
U+0222B	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	<code>\int^{(p)}</code>	integral operator
U+0222C	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	\iint_0^1	<code>\iint</code>	double integral operator
U+0222D	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	\iiint_0^1	<code>\iiint</code>	triple integral operator
U+0222E	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	<code>\oint^{(p)}</code>	contour integral operator
U+0222F	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	<code>\oiint</code>	double contour integral operator
U+02230	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	<code>\oiint</code>	double contour integral operator
U+02230	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	<code>\oiint</code>	double contour integral operator
U+02230	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	<code>\oiint</code>	double contour integral operator
U+02230	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	\oiint_0^1	<code>\oiint</code>	double contour integral operator
U+02231	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	<code>\intclockwise</code>	clockwise integral
U+02232	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	<code>\varointclockwise</code>	contour integral, clockwise
U+02233	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	\oint_0^1	<code>\ointctrackwise</code>	contour integral, anticlockwise
U+022C0	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1	\bigwedge_0^1		<code>\bigwedge^{(p)}</code>	logical and operator
U+022C1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1	\bigvee_0^1		<code>\bigvee^{(p)}</code>	logical or operator





































































































































USV	L	X	S	P	D	F	Macro	Description
U+022C2							$\bigcap^{(p)}$	intersection operator
U+022C3							$\bigcup^{(p)}$	union operator
U+027D5							\leftouterjoin	left outer join
U+027D6							\rightouterjoin	right outer join
U+027D7							\fullouterjoin	full outer join
U+027D8							\bigbot	large up tack
U+027D9							\bigtop	large down tack
U+029F8							\xsol	big solidus
U+029F9							\xbsol	big reverse solidus
U+02A00							$\bigodot^{(p)}$	n-ary circled dot operator
U+02A01							$\bigoplus^{(p)}$	n-ary circled plus operator
U+02A02							$\bigotimes^{(p)}$	n-ary circled times operator
U+02A03							\bigcupdot	n-ary union operator with dot
U+02A04							$\biguplus^{(p)}$	n-ary union operator with plus
U+02A05							\bigsqcap	n-ary square intersection operator
U+02A06							$\bigsqcup^{(p)}$	n-ary square union operator

USV	L	X	S	P	D	F	Macro	Description
U+02A07							<code>\conjquant</code>	two logical and operator
U+02A08							<code>\disjquant</code>	two logical or operator
U+02A09							<code>\bigtimes</code>	n-ary times operator
U+02A0A							<code>\modtwosum</code>	modulo two sum
U+02A0B							<code>\sumint</code>	summation with integral
U+02A0C							<code>\iiiint</code>	quadruple integral operator
U+02A0D							<code>\intbar</code>	finite part integral
U+02A0E							<code>\intBar</code>	integral with double stroke
U+02A0F							<code>\fint</code>	integral average with slash
U+02A10							<code>\cirfnint</code>	circulation function
U+02A11							<code>\awint</code>	anticlockwise integration
U+02A12							<code>\rppolint</code>	line integration with rectangular path around pole
U+02A13							<code>\scpolint</code>	line integration with semi-circular path around pole
U+02A14							<code>\npolint</code>	line integration not including the pole
U+02A15							<code>\pointint</code>	integral around a point operator
U+02A16							<code>\sqint</code>	quaternion integral operator

USV	L	X	S	P	D	F	Macro	Description
U+02A17							<code>\intlarhk</code>	integral with leftwards arrow with hook
U+02A18							<code>\intx</code>	integral with times sign
U+02A19							<code>\intcap</code>	integral with intersection
U+02A1A							<code>\intcup</code>	integral with union
U+02A1B							<code>\upint</code>	integral with overbar
U+02A1C							<code>\lowint</code>	integral with underbar
U+02A1D							<code>\Join</code>	join
U+02A1E							<code>\bigtriangleleft</code>	large left triangle operator
U+02A1F							<code>\zcmp</code>	z notation schema composition
U+02A20							<code>\zpipe</code>	z notation schema piping
U+02A21							<code>\zproject</code>	z notation schema projection
U+02AFC							<code>\biginterleave</code>	large triple vertical bar operator
U+02AFF							<code>\bigtalloblong</code>	n-ary white vertical bar
U+1EEF0							<code>\arabicmaj</code>	arabic mathematical operator meem with hah with tatweel
U+1EEF1							<code>\arabichad</code>	arabic mathematical operator hah with dal

10 Binary relations, `\mathbin`

USV	L	X	S	P	D	F	Macro	Description
U+0002B	+	+	+	+	+	+	<code>\mathplus</code>	plus sign b:
U+000B1	±	±	±	±	±	±	<code>\pm^(p)</code>	plus-or-minus sign
U+000B7	·	·	·	·	·	·	<code>\cdotp^(p)</code>	/centerdot b: middle dot
U+000D7	×	×	×	×	×	×	<code>\times^(p)</code>	multiply sign
U+000F7	÷	÷	÷	÷	÷	÷	<code>\div^(p)</code>	divide sign
U+02020	†	†	†	†	†	†	<code>\dagger^(p)</code>	dagger relation
U+02021	‡	‡	‡	‡	‡	‡	<code>\ddagger^(p)</code>	double dagger relation
U+02022	●	●	●	●	●	●	<code>\smbllkcircle</code>	/bullet b: round bullet, filled
U+02040		⋈	⋈				<code>\tieconcat</code>	character tie, z notation sequence concatenation
U+02044	/	/	/	/	/	/	<code>\fraclash</code>	fraction slash
U+0214B		⌘	⌘				<code>\upand</code>	turned ampersand
U+02212	−	−	−	−	−	−	<code>\minus</code>	minus sign
U+02213	∓	∓	∓	∓	∓	∓	<code>\mp^(p)</code>	minus-or-plus sign
U+02214	⋈	⋈	⋈	⋈	⋈	⋈	<code>\dotplus^(a)</code>	plus sign, dot above
U+02215	/	/	/	/	/	/	<code>\divslash</code>	division slash
U+02216	\	\	\	\	\		<code>\smallsetminus^(a)</code>	small set minus (cf. reverse solidus)
U+02217	*	*	*	*	*	*	<code>\ast^(p)</code>	centered asterisk
U+02218	○	○	○	○	○		<code>\ysmwhtcircle</code>	composite function (small circle)
U+02219	●	●	●	●	●	●	<code>\ysmbllkcircle</code>	bullet operator
U+02227	∧	∧	∧	∧	∧	∧	<code>\wedge^(p)</code>	/wedge /land b: logical and
U+02228	∨	∨	∨	∨	∨	∨	<code>\vee^(p)</code>	/vee /lor b: logical or
U+02229	∩	∩	∩	∩	∩	∩	<code>\cap^(p)</code>	intersection
U+0222A	∪	∪	∪	∪	∪	∪	<code>\cup^(p)</code>	union or logical sum

















































usv	L	X	S	P	D	F	Macro	Description
U+02238							<code>\dotminus</code>	minus sign, dot above
U+0223E							<code>\invlazys</code>	most positive [inverted lazy s]
U+02240							<code>\wr^(p)</code>	wreath product
U+0228C							<code>\cupleftarrow</code>	multiset
U+0228D							<code>\cupdot</code>	union, with dot
U+0228E							<code>\uplus^(p)</code>	plus sign in union
U+02293							<code>\sqcap^(p)</code>	square intersection
U+02294							<code>\sqcup^(p)</code>	square union
U+02295							<code>\oplus^(p)</code>	plus sign in circle
U+02296							<code>\ominus^(p)</code>	minus sign in circle
U+02297							<code>\otimes^(p)</code>	multiply sign in circle
U+02298							<code>\oslash^(p)</code>	solidus in circle
U+02299							<code>\odot^(p)</code>	middle dot in circle
U+0229A							<code>\circledcirc^(a)</code>	small circle in circle
U+0229B							<code>\circledast^(a)</code>	asterisk in circle
U+0229C							<code>\circledequal</code>	equal in circle
U+0229D							<code>\circleddash^(a)</code>	hyphen in circle
U+0229E							<code>\boxplus^(a)</code>	plus sign in box
U+0229F							<code>\boxminus^(a)</code>	minus sign in box
U+022A0							<code>\boxtimes^(a)</code>	multiply sign in box
U+022A1							<code>\boxdot^(a)</code>	/dotsquare /boxdot b: small dot in box
U+022BA							<code>\intercal^(a)</code>	intercal
U+022BB							<code>\veebar^(a)</code>	logical or, bar below (large vee); exclusive disjunction
U+022BC							<code>\barwedge^(a)</code>	bar, wedge (large wedge)

USV	L	X	S	P	D	F	Macro	Description
U+022BD	▽	▽	▽	▽	▽		<code>\barvee</code>	bar, vee (large vee)
U+022C4	◇	◇	◇	◇	◇		<code>\smwhtdiamond</code>	white diamond
U+022C5	⋅	⋅	⋅	⋅	⋅	⋅	<code>\cdot^(p)</code>	small middle dot
U+022C6	★	★	★	★	★		<code>\star^(p)</code>	small star, filled, low
U+022C7	⌘	⌘	⌘	⌘	⌘		<code>\divideontimes^(a)</code>	division on times
U+022C9	⌞	⌞	⌞	⌞	⌞		<code>\ltimes^(a)</code>	times sign, left closed
U+022CA	⌟	⌟	⌟	⌟	⌟		<code>\rtimes^(a)</code>	times sign, right closed
U+022CB	⌋	⌋	⌋	⌋	⌋		<code>\leftthreetimes^(a)</code>	left semidirect product
U+022CC	⌌	⌌	⌌	⌌	⌌		<code>\rightthreetimes^(a)</code>	right semidirect product
U+022CE	⋈	⋈	⋈	⋈	⋈	⋈	<code>\curlyvee^(a)</code>	curly logical or
U+022CF	⋉	⋉	⋉	⋉	⋉	⋉	<code>\curlywedge^(a)</code>	curly logical and
U+022D2	⌒	⌒	⌒	⌒	⌒		<code>\Cap^(a)</code>	/cap /doublecap b: double intersection
U+022D3	⌔	⌔	⌔	⌔	⌔		<code>\Cup^(a)</code>	/cup /doublecup b: double union
U+02305	⌞	⌞	⌞	⌞	⌞		<code>\varbarwedge</code>	/barwedge b: logical and, bar above [projective (bar over small wedge)]
U+02306	⌞	⌞	⌞	⌞	⌞		<code>\vardoublebarwedge</code>	/doublebarwedge b: logical and, double bar above [perspective (double bar over small wedge)]
U+0233D	⊖	⊖	⊖				<code>\obar</code>	circle with vertical bar
U+025B3	△	△	△	△	△		<code>\bigtriangleup^(p)</code>	big up triangle, open
U+025B7	▷	▷	▷	▷	▷		<code>\triangleright^(p)</code>	(large) right triangle, open; z notation range restriction
U+025C1	◁	◁	◁	◁	◁		<code>\triangleleft^(p)</code>	(large) left triangle, open; z notation domain restriction
U+025CB	○	○	○	○	●	○	<code>\mdlgwhtcircle</code>	medium large circle
U+025EB	⏏	⏏	⏏			⏏	<code>\boxbar</code>	vertical bar in box
U+027C7	∨	∨	∨				<code>\veedot</code>	or with dot inside
U+027D1	⋈	⋈	⋈				<code>\wedgedot</code>	and with dot

USV	L	X	S	P	D	F	Macro	Description
U+027E0							<code>\lozengeminus</code>	lozenge divided by horizontal rule
U+027E1							<code>\concavediamond</code>	white concave-sided diamond
U+027E2							<code>\concavediamondtickleft</code>	white concave-sided diamond with leftwards tick
U+027E3							<code>\concavediamondtickright</code>	white concave-sided diamond with rightwards tick
U+027E4							<code>\whitesquaretickleft</code>	white square with leftwards tick
U+027E5							<code>\whitesquaretickright</code>	white square with rightwards tick
U+029B5							<code>\circlehbar</code>	circle with horizontal bar
U+029B6							<code>\circledvert</code>	circled vertical bar
U+029B7							<code>\circledparallel</code>	circled parallel
U+029B8							<code>\obslash</code>	circled reverse solidus
U+029B9							<code>\operp</code>	circled perpendicular
U+029C0							<code>\olessthan</code>	circled less-than
U+029C1							<code>\ogreaterthan</code>	circled greater-than
U+029C4							<code>\boxdiag</code>	squared rising diagonal slash
U+029C5							<code>\boxbslash</code>	squared falling diagonal slash
U+029C6							<code>\boxast</code>	squared asterisk
U+029C7							<code>\boxcircle</code>	squared small circle
U+029C8							<code>\boxbox</code>	squared square
U+029CD							<code>\triangleserifs</code>	triangle with serifs at bottom
U+029D6							<code>\hourglass</code>	white hourglass
U+029D7							<code>\blackhourglass</code>	black hourglass
U+029E2							<code>\shuffle</code>	shuffle product
U+029EB							<code>\mdlgbblklozenge</code>	black lozenge
U+029F5							<code>\setminus^(p)</code>	reverse solidus operator

USV	L	X	S	P	D	F	Macro	Description
U+029F6							<code>\dsol</code>	solidus with overbar
U+029F7							<code>\rsolbar</code>	reverse solidus with horizontal stroke
U+029FA							<code>\doubleplus</code>	double plus
U+029FB							<code>\tripleplus</code>	triple plus
U+029FE							<code>\tplus</code>	tiny
U+029FF							<code>\tminus</code>	miny
U+02A22							<code>\ringplus</code>	plus sign with small circle above
U+02A23							<code>\plushat</code>	plus sign with circumflex accent above
U+02A24							<code>\simplus</code>	plus sign with tilde above
U+02A25							<code>\plusdot</code>	plus sign with dot below
U+02A26							<code>\plussim</code>	plus sign with tilde below
U+02A27							<code>\plussubtwo</code>	plus sign with subscript two
U+02A28							<code>\plustrif</code>	plus sign with black triangle
U+02A29							<code>\commaminus</code>	minus sign with comma above
U+02A2A							<code>\minusdot</code>	minus sign with dot below
U+02A2B							<code>\minusfdots</code>	minus sign with falling dots
U+02A2C							<code>\minusrdots</code>	minus sign with rising dots
U+02A2D							<code>\oplushrim</code>	plus sign in left half circle
U+02A2E							<code>\oplusrhrim</code>	plus sign in right half circle
U+02A2F							<code>\vectimes</code>	vector or cross product
U+02A30							<code>\dottimes</code>	multiplication sign with dot above
U+02A31							<code>\timesbar</code>	multiplication sign with underbar
U+02A32							<code>\btimes</code>	semidirect product with bottom closed
U+02A33							<code>\smashtimes</code>	smash product

USV	L	X	S	P	D	F	Macro	Description
U+02A34		⌘	⌞				\otimeslhrim	multiplication sign in left half circle
U+02A35		⌞	⌘				\otimesrhrim	multiplication sign in right half circle
U+02A36		⊗̂	⊗̂				\otimeshat	circled multiplication sign with circumflex accent
U+02A37		⊗⊗	⊗⊗				\Otimes	multiplication sign in double circle
U+02A38		⊕	⊖				\odiv	circled division sign
U+02A39		⊕	⊕				\triangleplus	plus sign in triangle
U+02A3A		⊖	⊖				\triangleminus	minus sign in triangle
U+02A3B		⊗	⊗				\triangleletimes	multiplication sign in triangle
U+02A3C		⌋	⌋				\intprod	interior product
U+02A3D		⌋	⌋				\intprodr	righthand interior product
U+02A3E		⌚	⌚				\fcmp	z notation relational composition
U+02A3F	⌚	⌚	⌚	⌚	⌚		\amalg ^(p)	amalgamation or coproduct
U+02A40		⌚	⌚				\capdot	intersection with dot
U+02A41		⌚	⌚				\uminus	union with minus sign
U+02A42		⌚	⌚				\barcup	union with overbar
U+02A43		⌚	⌚				\barcap	intersection with overbar
U+02A44		⌚	⌚				\capwedge	intersection with logical and
U+02A45		⌚	⌚				\cupvee	union with logical or
U+02A46		⌚	⌚				\cupovercap	union above intersection
U+02A47		⌚	⌚				\capovercup	intersection above union
U+02A48		⌚	⌚				\cupbarcap	union above bar above intersection
U+02A49		⌚	⌚				\capbarcup	intersection above bar above union
U+02A4A		⌚	⌚				\twocups	union beside and joined with union
U+02A4B		⌚	⌚				\twocaps	intersection beside and joined with intersection

USV	L	X	S	P	D	F	Macro	Description
U+02A4C							<code>\closedvarcup</code>	closed union with serifs
U+02A4D							<code>\closedvarcap</code>	closed intersection with serifs
U+02A4E							<code>\Sqcap</code>	double square intersection
U+02A4F							<code>\Sqcup</code>	double square union
U+02A50							<code>\closedvarcupsmashprod</code>	closed union with serifs and smash product
U+02A51							<code>\wedgeeodot</code>	logical and with dot above
U+02A52							<code>\veeodot</code>	logical or with dot above
U+02A53							<code>\Wedge</code>	double logical and
U+02A54							<code>\Vee</code>	double logical or
U+02A55							<code>\wedgonwedge</code>	two intersecting logical and
U+02A56							<code>\veeonvee</code>	two intersecting logical or
U+02A57							<code>\bigslopedvee</code>	sloping large or
U+02A58							<code>\bigslopedwedge</code>	sloping large and
U+02A5A							<code>\wedgemidvert</code>	logical and with middle stem
U+02A5B							<code>\veemidvert</code>	logical or with middle stem
U+02A5C							<code>\midbarwedge</code>	logical and with horizontal dash
U+02A5D							<code>\midbarvee</code>	logical or with horizontal dash
U+02A5E							<code>\doublebarwedge^(a)</code>	logical and with double overbar
U+02A5F							<code>\wedgeebar</code>	logical and with underbar
U+02A60							<code>\wedgedoublebar</code>	logical and with double underbar
U+02A61							<code>\varveebar</code>	small vee with underbar
U+02A62							<code>\doublebarvee</code>	logical or with double overbar
U+02A63							<code>\veedoublebar</code>	logical or with double underbar
U+02A64							<code>\dsub</code>	z notation domain antirestriction

USV	L	X	S	P	D	F	Macro	Description
U+02A65		➤	➤				<code>\rsub</code>	z notation range antirestriction
U+02A71		≡	≡				<code>\eqqplus</code>	equals sign above plus sign
U+02A72		±	±				<code>\pluseqq</code>	plus sign above equals sign
U+02AF4							<code>\interleave</code>	triple vertical bar binary relation
U+02AF5							<code>\nhVvert</code>	triple vertical bar with horizontal stroke
U+02AF6		⋮	⋮				<code>\threedotcolon</code>	triple colon operator
U+02AFB		///	///				<code>\trslash</code>	triple solidus binary relation
U+02AFD		//	//				<code>\sslash</code>	double solidus operator
U+02AFE							<code>\talloblong</code>	white vertical bar

11 Ordinary symbols, `\mathord`

USV	L	X	S	P	D	F	Macro	Description
U+00023	#	#	#	#	#	#	<code>\mathoctothorpe</code>	number sign
U+00024	\$	\$	\$	\$	\$	\$	<code>\mathdollar</code>	dollar sign
U+00025	%	%	%	%	%	%	<code>\mathpercent</code>	percent sign
U+00026	&	&	&	&	&	&	<code>\mathampersand</code>	ampersand
U+0002E	<code>\mathperiod</code>	full stop, period
U+0002F	/	/	/	/	/	/	<code>\mathslash</code>	solidus
U+0003F	?	?	?	?	?	?	<code>\mathquestion</code>	question mark
U+00040	@	@	@	@	@	@	<code>\mathatsign</code>	commercial at
U+0005C	\	\	\	\	\	\	<code>\backslash</code> ^(p)	reverse solidus
U+000A3	£	£	£	£	£	£	<code>\mathsterling</code>	pound sign
U+000A5	¥	¥	¥	¥	¥	¥	<code>\mathyen</code>	yen sign
U+000A7	§	§	§	§	§	§	<code>\mathsection</code>	section symbol
U+000AC	¬	¬	¬	¬	¬	¬	<code>\neg</code> ^(p)	/neg /lnot not sign
U+000B6	¶	¶	¶	¶	¶	¶	<code>\mathparagraph</code>	paragraph symbol
U+001B5		Z	Z			Z	<code>\Zbar</code>	impedance (latin capital letter z with stroke)
U+003F6		ϵ	ϵ			ϵ	<code>\upbackepsilon</code>	greek reversed lunate epsilon symbol
U+02015	—	—	—	—	—	—	<code>\horizbar</code>	horizontal bar
U+02017	=	=	=	=	=		<code>\twolowline</code>	double low line (spacing)
U+02025					<code>\enleadertwodots</code>	double baseline dot (en leader)
U+02026	<code>\unicodeellipsis</code>	ellipsis (horizontal)
U+02032	′	′	′	′	′	′	<code>\prime</code> ^(p)	prime or minute, not superscripted
U+02033	″	″	″	″	″	″	<code>\dprime</code>	double prime or second, not superscripted



























































usv	L	X	S	P	D	F	Macro	Description
U+02034	'''	'''	'''	'''	'''	'''	<code>\trprime</code>	triple prime (not superscripted)
U+02035	\	\	\	\	\		<code>\backprime^(a)</code>	reverse prime, not superscripted
U+02036	''	''	''	''	''		<code>\backdprime</code>	double reverse prime, not superscripted
U+02037	'''	'''	'''	'''	'''		<code>\backtrprime</code>	triple reverse prime, not superscripted
U+02038		^	^				<code>\caretinsert</code>	caret (insertion mark)
U+0203C		!!	!!				<code>\Exclam</code>	double exclamation mark
U+02043		▪	▪				<code>\hyphenbullet</code>	rectangle, filled (hyphen bullet)
U+02047		??	??				<code>\Question</code>	double question mark
U+02057	''''	''''	''''	''''	''''		<code>\qprime</code>	quadruple prime, not superscripted
U+020AC	€	€	€	€	€	€	<code>\euro</code>	euro sign
U+020DD	◯	◯	◯	◯	◯		<code>\enclosecircle</code>	combining enclosing circle
U+020DE	◻	◻	◻	◻	◻		<code>\enclosesquare</code>	combining enclosing square
U+020DF	◊	◊	◊	◊	◊		<code>\enclosediamond</code>	combining enclosing diamond
U+020E4	△	△	△	△	△		<code>\enclosetriangle</code>	combining enclosing upward pointing triangle
U+02107	ℰ	ℰ	ℰ	ℰ	ℰ		<code>\Eulerconst</code>	euler constant
U+0210E	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	<code>\Planckconst</code>	planck constant
U+02127	℧	℧	℧	℧	℧	℧	<code>\mho</code>	conductance
U+02132		ƒ	ƒ				<code>\Finv^(a)</code>	turned capital f
U+0213C	ℳ	ℳ	ℳ	ℳ	ℳ		<code>\Bbbpi</code>	double-struck small pi
U+02141		ɢ	ɢ				<code>\Game^(a)</code>	turned sans-serif capital g
U+02142		ɀ	ɀ				<code>\sansLturned</code>	turned sans-serif capital l
U+02143		Ɂ	Ɂ				<code>\sansLmirrored</code>	reversed sans-serif capital l
U+02144		ɂ	ɂ				<code>\Yup</code>	turned sans-serif capital y




























































































USV	L	X	S	P	D	F	Macro	Description
U+02145	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		\mitBbbD	double-struck italic capital d
U+02146	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		\mitBbbd	double-struck italic small d
U+02147	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		\mitBbbe	double-struck italic small e
U+02148	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		\mitBbbi	double-struck italic small i
U+02149	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		\mitBbbj	double-struck italic small j
U+0214A		↯	↯				\PropertyLine	property line
U+021A8		↕	↕				\updownarrowbar	up down arrow with base (perpendicular)
U+021B4	↴	↴	↴	↴	↴		\linefeed	rightwards arrow with corner downwards
U+021B5	↵	↵	↵	↵	↵		\carriagereturn	downwards arrow with corner leftward = carriage return
U+021B8		↶	↶				\barovernorthwestarrow	north west arrow to long bar
U+021B9		↷	↷				\barleftarrowrightarrowbar	leftwards arrow to bar over rightwards arrow to bar
U+021BA	↻	↻	↻	↻	↻		\acwopencirclearrow	anticlockwise open circle arrow
U+021BB	↻	↻	↻	↻	↻		\cwopencirclearrow	clockwise open circle arrow
U+021DE		↕	↕				\nHuparrow	upwards arrow with double stroke
U+021DF		↕	↕				\nHdownarrow	downwards arrow with double stroke
U+021E0		↔	↔				\leftdasharrow	leftwards dashed arrow
U+021E1		↕	↕				\updasharrow	upwards dashed arrow
U+021E2		↔	↔				\rightdasharrow	rightwards dashed arrow
U+021E3		↕	↕				\downdasharrow	downwards dashed arrow
U+021E6	↩	↩	↩	↩	↩	↩	\leftwhitearrow	leftwards white arrow
U+021E7	↗	↗	↗	↗	↗	↗	\upwhitearrow	upwards white arrow
U+021E8	↘	↘	↘	↘	↘	↘	\rightwhitearrow	rightwards white arrow
U+021E9	↙	↙	↙	↙	↙	↙	\downwhitearrow	downwards white arrow
















































































USV	L	X	S	P	D	F	Macro	Description
U+021EA		↰	↱				<code>\whitearrowupfrombar</code>	upwards white arrow from bar
U+02200	∀	∀	∀	∀	∀	∀	<code>\forall</code> ^(p)	for all
U+02201	∁	∁	∁	∁	∁	∁	<code>\complement</code> ^(a)	complement sign
U+02203	∃	∃	∃	∃	∃	∃	<code>\exists</code> ^(p)	at least one exists
U+02204	∄	∄	∄	∄	∄	∄	<code>\nexists</code> ^(a)	negated exists
U+02205	∅	∅	∅	∅	∅	∅	<code>\varnothing</code> ^(a)	circle, slash
U+02206	Δ	Δ	Δ	Δ	Δ	Δ	<code>\increment</code>	laplacian (delta; nabla^2)
U+0220E	■	■	■	■	■	■	<code>\QED</code>	end of proof
U+0221A	√	√	√	√	√	√	<code>\surd</code> ^(p)	radical
U+0221E	∞	∞	∞	∞	∞	∞	<code>\infty</code> ^(p)	infinity
U+0221F	┐	┐	┐	┐	┐	┐	<code>\rightangle</code>	right (90 degree) angle
U+02220	∠	∠	∠	∠	∠	∠	<code>\angle</code> ^(p)	angle
U+02221	∢	∢	∢	∢	∢	∢	<code>\measuredangle</code> ^(a)	angle-measured
U+02222	∢	∢	∢	∢	∢	∢	<code>\sphericalangle</code> ^(a)	angle-spherical
U+02234	∴	∴	∴	∴	∴	∴	<code>\therefore</code> ^(a)	therefore
U+02235	∵	∵	∵	∵	∵	∵	<code>\because</code> ^(a)	because
U+0223F	∼	∼	∼	∼	∼		<code>\sinewave</code>	sine wave
U+022A4	⤴	⤴	⤴	⤴	⤴		<code>\top</code> ^(p)	top
U+022A5	⤵	⤵	⤵	⤵	⤵		<code>\bot</code> ^(p)	bottom
U+022B9	†	†	†	†	†		<code>\hermitmatrix</code>	hermitian conjugate matrix
U+022BE	⊳	⊳	⊳	⊳	⊳		<code>\measuredrightangle</code>	right angle-measured [with arc]
U+022BF	⊲	⊲	⊲	⊲	⊲		<code>\varlrightangle</code>	right triangle
U+022EF	⋯	⋯	⋯	⋯	⋯	⋯	<code>\unicodcdots</code>	three dots, centered
U+02300	∅	∅	∅	∅	∅		<code>\diameter</code>	diameter sign












































































usv	L	X	S	P	D	F	Macro	Description
U+02302							\house	house
U+02310							\invnot	reverse not
U+02311							\sqlozenge	square lozenge
U+02312							\profline	profile of a line
U+02313							\profsurf	profile of a surface
U+02317							\viewdata	viewdata square
U+02319							\turnednot	turned not sign
U+02320							\inttop	top half integral
U+02321							\intbottom	bottom half integral
U+0232C							\varhexagonlrbonds	six carbon ring, corner down, double bonds lower right etc
U+02332							\conictaper	conical taper
U+02336							\topbot	top and bottom
U+02340							\APLnotbackslash	apl functional symbol backslash bar
U+02353							\APLboxupcaret	boxed up caret
U+02370							\APLboxquestion	boxed question mark
U+0237C							\rangledownzigzagarrow	right angle with downwards zigzag arrow
U+02394							\hexagon	horizontal benzene ring [hexagon flat open]
U+0239B							\lparenuend	left parenthesis upper hook
U+0239C							\lparenextender	left parenthesis extension
U+0239D							\lparenlend	left parenthesis lower hook


USV	L	X	S	P	D	F	Macro	Description
U+0239E							<code>\rpargnuend</code>	right parenthesis upper hook
U+0239F							<code>\rpargnextender</code>	right parenthesis extension
U+023A0							<code>\rparglend</code>	right parenthesis lower hook
U+023A1							<code>\lbrackueud</code>	left square bracket upper corner
U+023A2							<code>\lbrackextender</code>	left square bracket extension
U+023A3							<code>\lbracklend</code>	left square bracket lower corner
U+023A4							<code>\rbrackueud</code>	right square bracket upper corner
U+023A5							<code>\rbrackextender</code>	right square bracket extension
U+023A6							<code>\rbracklend</code>	right square bracket lower corner
U+023A7							<code>\lbraceuend</code>	left curly bracket upper hook
U+023A8							<code>\lbracemid</code>	left curly bracket middle piece
U+023A9							<code>\lbracelend</code>	left curly bracket lower hook
U+023AA							<code>\vbraceextender</code>	curly bracket extension
U+023AB							<code>\rbraceuend</code>	right curly bracket upper hook
U+023AC							<code>\rbracemid</code>	right curly bracket middle piece
U+023AD							<code>\rbracelend</code>	right curly bracket lower hook
U+023AE							<code>\intextender</code>	integral extension

USV	L	X	S	P	D	F	Macro	Description
U+023AF		-	-				\harrowextender	horizontal line extension (used to extend arrows)
U+023B2							\sumtop	summation top
U+023B3							\sumbottom	summation bottom
U+023B6							\bbrktbrk	bottom square bracket over top square bracket
U+023B7							\sqrtbottom	radical symbol bottom
U+023B8							\lvboxline	left vertical box line
U+023B9							\rvboxline	right vertical box line
U+023CE							\varcarriagereturn	return symbol
U+023E0							\obrbrak	top tortoise shell bracket (mathematical use)
U+023E1							\ubrbrak	bottom tortoise shell bracket (mathematical use)
U+023E2							\trapezium	white trapezium
U+023E3							\benzenr	benzene ring with circle
U+023E4							\strns	straightness
U+023E5							\fltns	flatness
U+023E6							\accurent	ac current
U+023E7							\elinters	electrical intersection
U+02422							\blanksymbol	blank symbol
U+02423							\mathvisiblespace	open box
U+02506							\bdtriplevdash	doubly broken vert
U+02580							\blockuphalf	upper half block
U+02584							\blocklowhalf	lower half block
































































USV	L	X	S	P	D	F	Macro	Description
U+02588							<code>\blockfull</code>	full block
U+0258C							<code>\blocklefthalf</code>	left half block
U+02590							<code>\blockrighthalf</code>	right half block
U+02591							<code>\blockqtrshaded</code>	25% shaded block
U+02592							<code>\blockhalfshaded</code>	50% shaded block
U+02593							<code>\blockthreeqtrshaded</code>	75% shaded block
U+025A0							<code>\mdlgblksquare</code>	square, filled
U+025A1							<code>\mdlgwhtsquare</code>	square, open
U+025A2							<code>\squoval</code>	white square with rounded corners
U+025A3							<code>\blackinwhitesquare</code>	white square containing black small square
U+025A4							<code>\squarehfill</code>	square, horizontal rule filled
U+025A5							<code>\squarevfill</code>	square, vertical rule filled
U+025A6							<code>\squarehvfill</code>	square with orthogonal crosshatch fill
U+025A7							<code>\squarenwsefill</code>	square, nw-to-se rule filled
U+025A8							<code>\squareswnefill</code>	square, ne-to-sw rule filled
U+025A9							<code>\squarecrossfill</code>	square with diagonal crosshatch fill
U+025AA							<code>\smbblksquare</code>	/blacksquare - sq bullet, filled
U+025AB							<code>\smwhtsquare</code>	white small square
U+025AC							<code>\hrectangleblack</code>	black rectangle
U+025AD							<code>\hrectangle</code>	horizontal rectangle, open
U+025AE							<code>\vrectangleblack</code>	black vertical rectangle
U+025AF							<code>\vrectangle</code>	rectangle, white (vertical)
U+025B0							<code>\parallelogramblack</code>	black parallelogram
U+025B1							<code>\parallelogram</code>	parallelogram, open

USV	L	X	S	P	D	F	Macro	Description
U+025B2							<code>\bigblacktriangleup</code>	black up-pointing triangle
U+025B4							<code>\blacktriangle^(a)</code>	up triangle, filled
U+025B6							<code>\blacktriangleright^(a)</code>	(large) right triangle, filled
U+025B8							<code>\smallblacktriangleright</code>	right triangle, filled
U+025B9							<code>\smalltriangleright</code>	right triangle, open
U+025BA							<code>\blackpointerright</code>	black right-pointing pointer
U+025BB							<code>\whitepointerright</code>	white right-pointing pointer
U+025BC							<code>\bigblacktriangledown</code>	big down triangle, filled
U+025BD							<code>\bigtriangledown^(p)</code>	big down triangle, open
U+025BE							<code>\blacktriangledown^(a)</code>	down triangle, filled
U+025BF							<code>\triangledown^(a)</code>	down triangle, open
U+025C0							<code>\blacktriangleleft^(a)</code>	(large) left triangle, filled
U+025C2							<code>\smallblacktriangleleft</code>	left triangle, filled
U+025C3							<code>\smalltriangleleft</code>	left triangle, open
U+025C4							<code>\blackpointerleft</code>	black left-pointing pointer
U+025C5							<code>\whitepointerleft</code>	white left-pointing pointer
U+025C6							<code>\mdlgblkdiamond</code>	black diamond
U+025C7							<code>\mdlgwhtdiamond</code>	white diamond; diamond, open
U+025C8							<code>\blackinwhitediamond</code>	white diamond containing black small diamond
U+025C9							<code>\fisheye</code>	fisheye
U+025CA							<code>\mdlgwhtlozenge</code>	lozenge or total mark
U+025CC							<code>\dottedcircle</code>	dotted circle
U+025CD							<code>\circlevertfill</code>	circle with vertical fill
U+025CE							<code>\bullseye</code>	bullseye














































USV	L	X	S	P	D	F	Macro	Description
U+025CF							<code>\mdlgblkcircle</code>	circle, filled
U+025D0							<code>\circlelefthalfblack</code>	circle, filled left half [harvey ball]
U+025D1							<code>\circclerighthalfblack</code>	circle, filled right half
U+025D2							<code>\circlebottomhalfblack</code>	circle, filled bottom half
U+025D3							<code>\circletophalfblack</code>	circle, filled top half
U+025D4							<code>\circleurquadblack</code>	circle with upper right quadrant black
U+025D5							<code>\blackcircleulquadwhite</code>	circle with all but upper left quadrant black
U+025D6							<code>\blacklefthalfcircle</code>	left half black circle
U+025D7							<code>\blackrighthalfcircle</code>	right half black circle
U+025D8							<code>\inversebullet</code>	inverse bullet
U+025D9							<code>\inversewhitecircle</code>	inverse white circle
U+025DA							<code>\invwhiteupperhalfcircle</code>	upper half inverse white circle
U+025DB							<code>\invwhitelowerhalfcircle</code>	lower half inverse white circle
U+025DC							<code>\ularc</code>	upper left quadrant circular arc
U+025DD							<code>\urarc</code>	upper right quadrant circular arc
U+025DE							<code>\lrarc</code>	lower right quadrant circular arc
U+025DF							<code>\llarc</code>	lower left quadrant circular arc
U+025E0							<code>\topsemicircle</code>	upper half circle
U+025E1							<code>\botsemicircle</code>	lower half circle
U+025E2							<code>\lrblacktriangle</code>	lower right triangle, filled
U+025E3							<code>\llblacktriangle</code>	lower left triangle, filled
U+025E4							<code>\ulblacktriangle</code>	upper left triangle, filled
U+025E5							<code>\urblacktriangle</code>	upper right triangle, filled
U+025E6							<code>\smwhtcircle</code>	white bullet
















































USV	L	X	S	P	D	F	Macro	Description
U+025E7							<code>\squareleftblack</code>	square, filled left half
U+025E8							<code>\squarerightblack</code>	square, filled right half
U+025E9							<code>\squareulblack</code>	square, filled top left corner
U+025EA							<code>\squarelrblack</code>	square, filled bottom right corner
U+025EC							<code>\trianglecdot</code>	triangle with centered dot
U+025ED							<code>\triangleleftblack</code>	up-pointing triangle with left half black
U+025EE							<code>\trianglerightblack</code>	up-pointing triangle with right half black
U+025EF							<code>\lgwhtcircle</code>	large circle
U+025F0							<code>\squareulquad</code>	white square with upper left quadrant
U+025F1							<code>\squarellquad</code>	white square with lower left quadrant
U+025F2							<code>\squarelrquad</code>	white square with lower right quadrant
U+025F3							<code>\squareurquad</code>	white square with upper right quadrant
U+025F4							<code>\circleulquad</code>	white circle with upper left quadrant
U+025F5							<code>\circlellquad</code>	white circle with lower left quadrant
U+025F6							<code>\circlelrquad</code>	white circle with lower right quadrant
U+025F7							<code>\circleurquad</code>	white circle with upper right quadrant
U+025F8							<code>\ultriangle</code>	upper left triangle
U+025F9							<code>\urtriangle</code>	upper right triangle
U+025FA							<code>\lltriangle</code>	lower left triangle
U+025FB							<code>\mdwhtsquare</code>	white medium square
U+025FC							<code>\mdblksquare</code>	black medium square


















































USV	L	X	S	P	D	F	Macro	Description
U+025FD		◻	◻				\mdsmwhtsquare	white medium small square
U+025FE		◼	◼				\mdsmbksquare	black medium small square
U+025FF		◓	◔				\lrtriangle	lower right triangle
U+02605		★	★				\bigstar ^(a)	star, filled
U+02606		☆	☆				\bigwhitestar	star, open
U+02609		☼	☼				\astrosun	sun
U+02621		⚠	⚠				\danger	dangerous bend (caution sign)
U+0263B		☹	☹			☹	\blacksmiley	black smiling face
U+0263C		☼	☼			☼	\sun	white sun with rays
U+0263D		☾	☾				\rightmoon	first quarter moon
U+0263E		☾	☾				\leftmoon	last quarter moon
U+02640		♀	♀			♀	\female	venus, female
U+02642		♂	♂			♂	\male	mars, male
U+02660	♠	♠	♠	♠	♠	♠	\spadesuit ^(p)	spades suit symbol
U+02661	♥	♥	♥	♥	♥		\heartsuit ^(p)	heart suit symbol
U+02662	♦	♦	♦	♦	♦		\diamondsuit ^(p)	diamond suit symbol
U+02663	♣	♣	♣	♣	♣	♣	\clubsuit ^(p)	club suit symbol
U+02664	♠	♠	♠	♠	♠		\varspadesuit	spade, white (card suit)
U+02665	♥	♥	♥	♥	♥	♥	\varheartsuit	filled heart (card suit)
U+02666	♦	♦	♦	♦	♦	♦	\vardiamondsuit	filled diamond (card suit)
U+02667	♣	♣	♣	♣	♣		\varclubsuit	club, white (card suit)
U+02669		♪	♪				\quaternote	music note (sung text sign)
U+0266A	♪	♪	♪	♪	♪	♪	\eighthnote	eighth note
U+0266B		♪	♪			♪	\twonotes	beamed eighth notes

USV	L	X	S	P	D	F	Macro	Description
U+0266D							<code>\flat^(p)</code>	musical flat
U+0266E							<code>\natural^(p)</code>	music natural
U+0266F							<code>\sharp^(p)</code>	musical sharp
U+0267E							<code>\acidfree</code>	permanent paper sign
U+02680							<code>\dicei</code>	die face-1
U+02681							<code>\diceii</code>	die face-2
U+02682							<code>\diceiii</code>	die face-3
U+02683							<code>\diceiv</code>	die face-4
U+02684							<code>\dicev</code>	die face-5
U+02685							<code>\dicevi</code>	die face-6
U+02686							<code>\circledrightdot</code>	white circle with dot right
U+02687							<code>\circledtwodots</code>	white circle with two dots
U+02688							<code>\blackcircledrightdot</code>	black circle with white dot right
U+02689							<code>\blackcircledtwodots</code>	black circle with two white dots
U+026A5							<code>\Hermaphrodite</code>	male and female sign
U+026AA							<code>\mdwhtcircle</code>	medium white circle
U+026AB							<code>\mdblkcircle</code>	medium black circle
U+026AC							<code>\mdsmwhtcircle</code>	medium small white circle
U+026B2							<code>\neuter</code>	neuter
U+02713							<code>\checkmark</code>	tick, check mark
U+02720							<code>\maltese</code>	maltese cross
U+0272A							<code>\circledstar</code>	circled white star
U+02736							<code>\varstar</code>	six pointed black star
U+0273D							<code>\dingasterisk</code>	heavy teardrop-spoked asterisk

USV	L	X	S	P	D	F	Macro	Description
U+0279B		➤	➤				\draftingarrow	right arrow with bold head (drafting)
U+027C0		↙	↙				\threedangle	three dimensional angle
U+027C1		⚠	⚠				\whiteinwhitetriangle	white triangle containing small white triangle
U+027C3		⊆	⊆				\subsetcirc	open subset
U+027C4		⊇	⊇				\supsetcirc	open superset
U+027D0		⬠	⬠				\diamondcdot	white diamond with centred dot
U+0292B		✕	✕				\rdiagovdiag	rising diagonal crossing falling diagonal
U+0292C		✕	✕				\fdiagovrdiag	falling diagonal crossing rising diagonal
U+0292D		↗	↗				\seovnearrow	south east arrow crossing north east arrow
U+0292E		↗	↗				\neovsearrow	north east arrow crossing south east arrow
U+0292F		↗	↗				\fdiagovnearrow	falling diagonal crossing north east arrow
U+02930		↘	↘				\rdiagovsearrow	rising diagonal crossing south east arrow
U+02931		↗	↗				\neovnwarrow	north east arrow crossing north west arrow
U+02932		↗	↗				\nwovnearrow	north west arrow crossing north east arrow
U+02934		↗	↗				\uprightcurvearrow	arrow pointing rightwards then curving upwards
U+02935		↘	↘				\downrightcurvedarrow	arrow pointing rightwards then curving downwards
U+02981		●	●				\mdsmbkcircle	z notation spot
U+02999		⋮	⋮				\fourvdots	dotted fence
U+0299A		⋈	⋈				\vzigzag	vertical zigzag line
U+0299B		⌵	⌵				\measuredangleleft	measured angle opening left
U+0299C		⌞	⌞				\rightanglesqr	right angle variant with square

USV	L	X	S	P	D	F	Macro	Description
U+0299D							<code>\rightanglemdot</code>	measured right angle with dot
U+0299E							<code>\angles</code>	angle with s inside
U+0299F							<code>\angdnr</code>	acute angle
U+029A0							<code>\gtlpar</code>	spherical angle opening left
U+029A1							<code>\sphericalangleup</code>	spherical angle opening up
U+029A2							<code>\turnangle</code>	turned angle
U+029A3							<code>\revangle</code>	reversed angle
U+029A4							<code>\angleubar</code>	angle with underbar
U+029A5							<code>\revangleubar</code>	reversed angle with underbar
U+029A6							<code>\wideangledown</code>	oblique angle opening up
U+029A7							<code>\wideangleup</code>	oblique angle opening down
U+029A8							<code>\measanglerutone</code>	measured angle with open arm ending in arrow pointing up and right
U+029A9							<code>\measanglelutonw</code>	measured angle with open arm ending in arrow pointing up and left
U+029AA							<code>\measanglerdtose</code>	measured angle with open arm ending in arrow pointing down and right
U+029AB							<code>\measangleldtosw</code>	measured angle with open arm ending in arrow pointing down and left
U+029AC							<code>\measangleurtone</code>	measured angle with open arm ending in arrow pointing right and up
U+029AD							<code>\measangleultonw</code>	measured angle with open arm ending in arrow pointing left and up
U+029AE							<code>\measangledrtose</code>	measured angle with open arm ending in arrow pointing right and down
U+029AF							<code>\measangledltosw</code>	measured angle with open arm ending in arrow pointing left and down

USV	L	X	S	P	D	F	Macro	Description
U+029B0							<code>\reversedemptyset</code>	reversed empty set
U+029B1							<code>\emptysettoobar</code>	empty set with overbar
U+029B2							<code>\emptysettocirc</code>	empty set with small circle above
U+029B3							<code>\emptysettoarr</code>	empty set with right arrow above
U+029B4							<code>\emptysettoarrl</code>	empty set with left arrow above
U+029BA							<code>\obot</code>	circle divided by horizontal bar and top half divided by vertical bar
U+029BB							<code>\olcross</code>	circle with superimposed x
U+029BC							<code>\odotslashdot</code>	circled anticlockwise-rotated division sign
U+029BD							<code>\uparroww oncircle</code>	up arrow through circle
U+029BE							<code>\circledwhitebullet</code>	circled white bullet
U+029BF							<code>\circledbullet</code>	circled bullet
U+029C2							<code>\cirscir</code>	circle with small circle to the right
U+029C3							<code>\cirE</code>	circle with two horizontal strokes to the right
U+029C9							<code>\boxonbox</code>	two joined squares
U+029CA							<code>\triangleodot</code>	triangle with dot above
U+029CB							<code>\triangleubar</code>	triangle with underbar
U+029CC							<code>\triangles</code>	s in triangle
U+029DC							<code>\iinfin</code>	incomplete infinity
U+029DD							<code>\tieinfty</code>	tie over infinity
U+029DE							<code>\nvinfty</code>	infinity negated with vertical bar
U+029E0							<code>\laplac</code>	square with contoured outline
U+029E7							<code>\thermod</code>	thermodynamic
U+029E8							<code>\downtriangleleftblack</code>	down-pointing triangle with left half black

USV	L	X	S	P	D	F	Macro	Description
U+029E9							<code>\downtrianglerightblack</code>	down-pointing triangle with right half black
U+029EA							<code>\blackdiamonddownarrow</code>	black diamond with down arrow
U+029EC							<code>\circledownarrow</code>	white circle with down arrow
U+029ED							<code>\blackcircledownarrow</code>	black circle with down arrow
U+029EE							<code>\errbarsquare</code>	error-barred white square
U+029EF							<code>\errbarblacksquare</code>	error-barred black square
U+029F0							<code>\errbardiamond</code>	error-barred white diamond
U+029F1							<code>\errbarblackdiamond</code>	error-barred black diamond
U+029F2							<code>\errbarcircle</code>	error-barred white circle
U+029F3							<code>\errbarblackcircle</code>	error-barred black circle
U+02AE1							<code>\perps</code>	perpendicular with s
U+02AF1							<code>\topcir</code>	down tack with circle below
U+02B12							<code>\squaretopblack</code>	square with top half black
U+02B13							<code>\squarebotblack</code>	square with bottom half black
U+02B14							<code>\squareurblack</code>	square with upper right diagonal half black
U+02B15							<code>\squarellblack</code>	square with lower left diagonal half black
U+02B16							<code>\diamondleftblack</code>	diamond with left half black
U+02B17							<code>\diamondrightblack</code>	diamond with right half black
U+02B18							<code>\diamondtopblack</code>	diamond with top half black
U+02B19							<code>\diamondbotblack</code>	diamond with bottom half black
U+02B1A							<code>\dottedsquare</code>	dotted square
U+02B1B							<code>\lgblksquare</code>	black large square
U+02B1C							<code>\lgwhtsquare</code>	white large square

USV	L	X	S	P	D	F	Macro	Description
U+02B1D		▪	▪				\vysmbklsquare	black very small square
U+02B1E		◻	◻				\vysmwhtsquare	white very small square
U+02B1F		⬠	⬠				\pentagonblack	black pentagon
U+02B20		⬡	⬡				\pentagon	white pentagon
U+02B21		⬢	⬢				\varhexagon	white hexagon
U+02B22		⬤	⬤				\varhexagonblack	black hexagon
U+02B23		⬡	⬡				\hexagonblack	horizontal black hexagon
U+02B24		⬤	⬤				\lgblkcircle	black large circle
U+02B25		⬠	⬠				\mdblkdiamond	black medium diamond
U+02B26		◊	◊				\mdwhtdiamond	white medium diamond
U+02B27		⬠	⬠				\mdblklozenge	black medium lozenge
U+02B28		◊	◊				\mdwhtlozenge	white medium lozenge
U+02B29		⬠	⬠				\smbldiamond	black small diamond
U+02B2A		⬠	⬠				\smbklozenge	black small lozenge
U+02B2B		◊	◊				\smwhtlozenge	white small lozenge
U+02B2C		◐	◐				\blkhorzoval	black horizontal ellipse
U+02B2D		◑	◑				\whthorzoval	white horizontal ellipse
U+02B2E		◓	◓				\blkvertoval	black vertical ellipse
U+02B2F		◔	◔				\whtvertoval	white vertical ellipse
U+02B50		☆	☆				\medwhitestar	white medium star
U+02B51		★	★				\medblackstar	black medium star
U+02B52		☆	☆				\smwhitestar	white small star
U+02B53		⬠	⬠				\rightpentagonblack	black right-pointing pentagon
U+02B54		⬡	⬡				\rightpentagon	white right-pointing pentagon

USV	L	X	S	P	D	F	Macro	Description
U+03012		〒	〒				\postalmark	postal mark
U+03030		ㄥ	ㄥ				\hzigzag	zigzag
U+1D7CE	0	0	0	0	0	0	\mbfzero	mathematical bold digit 0
U+1D7CF	1	1	1	1	1	1	\mbfone	mathematical bold digit 1
U+1D7D0	2	2	2	2	2	2	\mbftwo	mathematical bold digit 2
U+1D7D1	3	3	3	3	3	3	\mbfthree	mathematical bold digit 3
U+1D7D2	4	4	4	4	4	4	\mbffour	mathematical bold digit 4
U+1D7D3	5	5	5	5	5	5	\mbffive	mathematical bold digit 5
U+1D7D4	6	6	6	6	6	6	\mbfsix	mathematical bold digit 6
U+1D7D5	7	7	7	7	7	7	\mbfseven	mathematical bold digit 7
U+1D7D6	8	8	8	8	8	8	\mbfeight	mathematical bold digit 8
U+1D7D7	9	9	9	9	9	9	\mbfnine	mathematical bold digit 9
U+1D7D8	0	0	0	0	0		\Bbbzero	mathematical double-struck digit 0
U+1D7D9	1	1	1	1	1		\Bbbone	mathematical double-struck digit 1
U+1D7DA	2	2	2	2	2		\Bbbtwo	mathematical double-struck digit 2
U+1D7DB	3	3	3	3	3		\Bbbthree	mathematical double-struck digit 3
U+1D7DC	4	4	4	4	4		\Bbbfour	mathematical double-struck digit 4
U+1D7DD	5	5	5	5	5		\Bbbfive	mathematical double-struck digit 5
U+1D7DE	6	6	6	6	6		\Bbbsix	mathematical double-struck digit 6
U+1D7DF	7	7	7	7	7		\Bbbseven	mathematical double-struck digit 7
U+1D7E0	8	8	8	8	8		\Bbbeight	mathematical double-struck digit 8
U+1D7E1	9	9	9	9	9		\Bbbnine	mathematical double-struck digit 9
U+1D7E2	0	0	0	0	0		\msanszero	mathematical sans-serif digit 0
U+1D7E3	1	1	1	1	1		\msansone	mathematical sans-serif digit 1

USV	L	X	S	P	D	F	Macro	Description
U+1D7E4	2	2	2	2	2		\msanstwo	mathematical sans-serif digit 2
U+1D7E5	3	3	3	3	3		\msanstthree	mathematical sans-serif digit 3
U+1D7E6	4	4	4	4	4		\msansfour	mathematical sans-serif digit 4
U+1D7E7	5	5	5	5	5		\msansfive	mathematical sans-serif digit 5
U+1D7E8	6	6	6	6	6		\msanssix	mathematical sans-serif digit 6
U+1D7E9	7	7	7	7	7		\msansseven	mathematical sans-serif digit 7
U+1D7EA	8	8	8	8	8		\msanseight	mathematical sans-serif digit 8
U+1D7EB	9	9	9	9	9		\msansnine	mathematical sans-serif digit 9
U+1D7EC	0	0	0	0	0		\mbfsanszero	mathematical sans-serif bold digit 0
U+1D7ED	1	1	1	1	1		\mbfsansone	mathematical sans-serif bold digit 1
U+1D7EE	2	2	2	2	2		\mbfsanstwo	mathematical sans-serif bold digit 2
U+1D7EF	3	3	3	3	3		\mbfsanstthree	mathematical sans-serif bold digit 3
U+1D7F0	4	4	4	4	4		\mbfsansfour	mathematical sans-serif bold digit 4
U+1D7F1	5	5	5	5	5		\mbfsansfive	mathematical sans-serif bold digit 5
U+1D7F2	6	6	6	6	6		\mbfsanssix	mathematical sans-serif bold digit 6
U+1D7F3	7	7	7	7	7		\mbfsansseven	mathematical sans-serif bold digit 7
U+1D7F4	8	8	8	8	8		\mbfsanseight	mathematical sans-serif bold digit 8
U+1D7F5	9	9	9	9	9		\mbfsansnine	mathematical sans-serif bold digit 9
U+1D7F6	0	0	0	0	0		\mttzero	mathematical monospace digit 0
U+1D7F7	1	1	1	1	1		\mttone	mathematical monospace digit 1
U+1D7F8	2	2	2	2	2		\mtttwo	mathematical monospace digit 2
U+1D7F9	3	3	3	3	3		\mttthree	mathematical monospace digit 3
U+1D7FA	4	4	4	4	4		\mttfour	mathematical monospace digit 4
U+1D7FB	5	5	5	5	5		\mttfive	mathematical monospace digit 5

USV	L	X	S	P	D	F	Macro	Description
U+1D7FC	6	6	6	6	6		<code>\mttsix</code>	mathematical monospace digit 6
U+1D7FD	7	7	7	7	7		<code>\mttseven</code>	mathematical monospace digit 7
U+1D7FE	8	8	8	8	8		<code>\mtteight</code>	mathematical monospace digit 8
U+1D7FF	9	9	9	9	9		<code>\mttnine</code>	mathematical monospace digit 9

12 Relation symbols, `\mathrel`

USV	L	X	S	P	D	F	Macro	Description
U+0003C	<	<	<	<	<	<	<code>\less</code>	less-than sign r:
U+0003D	=	=	=	=	=	=	<code>\equal</code>	equals sign r:
U+0003E	>	>	>	>	>	>	<code>\greater</code>	greater-than sign r:
U+02050		⊂	⊂				<code>\closure</code>	close up
U+02190	←	←	←	←	←	←	<code>\leftarrow^(p)</code>	<code>/leftarrow</code> /gets a: leftward arrow
U+02191	↑	↑	↑	↑	↑	↑	<code>\uparrow^(p)</code>	upward arrow
U+02192	→	→	→	→	→	→	<code>\rightarrow^(p)</code>	<code>/rightarrow</code> /to a: rightward arrow
U+02193	↓	↓	↓	↓	↓	↓	<code>\downarrow^(p)</code>	downward arrow
U+02194	↔	↔	↔	↔	↔	↔	<code>\leftrightharrow^(p)</code>	left and right arrow
U+02195	↕	↕	↕	↕	↕	↕	<code>\updownarrow^(p)</code>	up and down arrow
U+02196	↖	↖	↖	↖	↖	↖	<code>\nwarrow^(p)</code>	nw pointing arrow
U+02197	↗	↗	↗	↗	↗	↗	<code>\nearrow^(p)</code>	ne pointing arrow
U+02198	↘	↘	↘	↘	↘	↘	<code>\searrow^(p)</code>	se pointing arrow
U+02199	↙	↙	↙	↙	↙	↙	<code>\swarrow^(p)</code>	sw pointing arrow
U+0219A	↚	↚	↚	↚	↚	↚	<code>\nleftarrow^(a)</code>	not left arrow
U+0219B	↛	↛	↛	↛	↛	↛	<code>\nrightarrow^(a)</code>	not right arrow
U+0219C		↯	↯				<code>\leftwvearrow</code>	left arrow-wavy
U+0219D		↰	↰				<code>\rightwvearrow</code>	right arrow-wavy
U+0219E	⇐	⇐	⇐	⇐	⇐	⇐	<code>\twoheadleftarrow^(a)</code>	left two-headed arrow
U+0219F	⇑	⇑	⇑	⇑	⇑	⇑	<code>\twoheaduparrow</code>	up two-headed arrow
U+021A0	⇒	⇒	⇒	⇒	⇒	⇒	<code>\twoheadrightarrow^(a)</code>	right two-headed arrow
U+021A1	⇓	⇓	⇓	⇓	⇓	⇓	<code>\twoheaddownarrow</code>	down two-headed arrow
U+021A2	⇐	⇐	⇐	⇐	⇐		<code>\leftarrowtail^(a)</code>	left arrow-tailed

USV	L	X	S	P	D	F	Macro	Description
U+021A3							<code>\rightarrowtail^(a)</code>	right arrow-tailed
U+021A4							<code>\mapsfrom</code>	maps to, leftward
U+021A5							<code>\mapsup</code>	maps to, upward
U+021A6							<code>\mapsto^(p)</code>	maps to, rightward
U+021A7							<code>\mapsdown</code>	maps to, downward
U+021A9							<code>\hookleftarrow^(p)</code>	left arrow-hooked
U+021AA							<code>\hookrightarrow^(p)</code>	right arrow-hooked
U+021AB							<code>\looparrowleft^(a)</code>	left arrow-looped
U+021AC							<code>\looparrowright^(a)</code>	right arrow-looped
U+021AD							<code>\leftrightsquigarrow^(a)</code>	left and right arr-wavy
U+021AE							<code>\nleftrightarrow^(a)</code>	not left and right arrow
U+021AF							<code>\downziggagarrow</code>	downwards zigzag arrow
U+021B0							<code>\Lsh^(a)</code>	/lsh a:
U+021B1							<code>\Rsh^(a)</code>	/rsh a:
U+021B2							<code>\Ldsh</code>	left down angled arrow
U+021B3							<code>\Rdsh</code>	right down angled arrow
U+021B6							<code>\curvearrowleft^(a)</code>	left curved arrow
U+021B7							<code>\curvearrowright^(a)</code>	right curved arrow
U+021BC							<code>\leftharpoonup^(p)</code>	left harpoon-up
U+021BD							<code>\leftharpoondown^(p)</code>	left harpoon-down
U+021BE							<code>\upharpoonright^(a)</code>	/upharpoonright /restriction a: up harpoon-right
U+021BF							<code>\upharpoonleft^(a)</code>	up harpoon-left
U+021C0							<code>\rightharpoonup^(p)</code>	right harpoon-up
U+021C1							<code>\rightharpoondown^(p)</code>	right harpoon-down

USV	L	X	S	P	D	F	Macro	Description
U+021C2							<code>\downharpoonright^(a)</code>	down harpoon-right
U+021C3							<code>\downharpoonleft^(a)</code>	down harpoon-left
U+021C4							<code>\rightleftarrows^(a)</code>	right arrow over left arrow
U+021C5							<code>\updownarrows</code>	up arrow, down arrow
U+021C6							<code>\leftrightharpoons^(a)</code>	left arrow over right arrow
U+021C7							<code>\leftleftarrows^(a)</code>	two left arrows
U+021C8							<code>\upuparrows^(a)</code>	two up arrows
U+021C9							<code>\rightrightarrows^(a)</code>	two right arrows
U+021CA							<code>\downdownarrows^(a)</code>	two down arrows
U+021CB							<code>\leftrightharpoons^(a)</code>	left harpoon over right
U+021CC							<code>\rightleftharpoons^(l)</code>	right harpoon over left
U+021CD							<code>\nLeftarrow^(a)</code>	not implied by
U+021CE							<code>\nLeftrightarrow^(a)</code>	not left and right double arrows
U+021CF							<code>\nRightarrow^(a)</code>	not implies
U+021D0							<code>\Leftarrow^(p)</code>	is implied by
U+021D1							<code>\Uparrow^(p)</code>	up double arrow
U+021D2							<code>\Rightarrow^(p)</code>	implies
U+021D3							<code>\Downarrow^(p)</code>	down double arrow
U+021D4							<code>\Leftrightarrow^(p)</code>	left and right double arrow
U+021D5							<code>\Updownarrow^(p)</code>	up and down double arrow
U+021D6							<code>\Nwarrow</code>	nw pointing double arrow
U+021D7							<code>\Nearrow</code>	ne pointing double arrow
U+021D8							<code>\Searrow</code>	se pointing double arrow
U+021D9							<code>\Swarrow</code>	sw pointing double arrow

USV	L	X	S	P	D	F	Macro	Description
U+021DA	⇐	⇐	⇐	⇐	⇐		<code>\Lleftarrow^(a)</code>	left triple arrow
U+021DB	⇒	⇒	⇒	⇒	⇒		<code>\Rrightarrow^(a)</code>	right triple arrow
U+021DC	↵	↵	↵	↵	↵		<code>\leftsquigarrow</code>	leftwards squiggle arrow
U+021DD	↶	↶	↶	↶	↶		<code>\rightsquigarrow^(a)</code>	rightwards squiggle arrow
U+021E4		⬅	⬅				<code>\barleftarrow</code>	leftwards arrow to bar
U+021E5		➡	➡				<code>\rightarrowbar</code>	rightwards arrow to bar
U+021F4		➡	➡				<code>\circlearrowright</code>	right arrow with small circle
U+021F5	↕	↕	↕	↕	↕	↕	<code>\downuparrows</code>	downwards arrow leftwards of upwards arrow
U+021F6	➡➡➡	➡➡➡	➡➡➡	➡➡➡	➡➡➡	➡➡➡	<code>\rightthreearrows</code>	three rightwards arrows
U+021F7		↔	↔				<code>\nleftarrow</code>	leftwards arrow with vertical stroke
U+021F8		➡	➡				<code>\nrightarrow</code>	rightwards arrow with vertical stroke
U+021F9		↔	↔				<code>\nleftrightarrow</code>	left right arrow with vertical stroke
U+021FA		↔	↔				<code>\nleftarrow</code>	leftwards arrow with double vertical stroke
U+021FB		➡	➡				<code>\nrightarrow</code>	rightwards arrow with double vertical stroke
U+021FC		↔	↔				<code>\nleftrightarrow</code>	left right arrow with double vertical stroke
U+021FD		↵	↵				<code>\leftarrowtriangle</code>	leftwards open-headed arrow
U+021FE		➡	➡				<code>\rightarrowtriangle</code>	rightwards open-headed arrow
U+021FF		↔	↔				<code>\leftrightarrowtriangle</code>	left right open-headed arrow
U+02208	∈	∈	∈	∈	∈	∈	<code>\in^(p)</code>	set membership, variant
U+02209	∉	∉	∉	∉	∉	∉	<code>\notin^(l)</code>	negated set membership
U+0220A	∈	∈	∈	∈	∈	∈	<code>\smallin</code>	set membership (small set membership)
U+0220B	⊃	⊃	⊃	⊃	⊃	⊃	<code>\ni^(p)</code>	contains, variant
U+0220C	⊄	⊄	⊄	⊄	⊄	⊄	<code>\nni</code>	negated contains, variant










































































































































usv	L	X	S	P	D	F	Macro	Description
U+0220D	⊃	⊃	⊃	⊃	⊃	⊃	<code>\smallni</code>	/ni /owns r: contains (small contains as member)
U+0221D	∝	∝	∝	∝	∝	∝	<code>\propto^(p)</code>	is proportional to
U+02223							<code>\mid^(p)</code>	/mid r:
U+02224	⊢	⊢	⊢	⊢	⊢	⊢	<code>\nmid^(a)</code>	negated mid
U+02225							<code>\parallel^(p)</code>	parallel
U+02226	⧻	⧻	⧻	⧻	⧻	⧻	<code>\nparallel^(a)</code>	not parallel
U+02236	:	:	:	:	:	:	<code>\mathratio</code>	ratio
U+02237	::	::	::	::	::	::	<code>\Colon</code>	two colons
U+02239	⋮	⋮	⋮	⋮	⋮	⋮	<code>\dashcolon</code>	excess (⋮)
U+0223A	⋮	⋮	⋮	⋮	⋮	⋮	<code>\dotsminusdots</code>	minus with four dots, geometric properties
U+0223B	⋈	⋈	⋈	⋈	⋈	⋈	<code>\kernelcontraction</code>	homothetic
U+0223C	∼	∼	∼	∼	∼	∼	<code>\sim^(p)</code>	similar
U+0223D	⋈	⋈	⋈	⋈	⋈	⋈	<code>\backsim^(a)</code>	reverse similar
U+02241	⋈	⋈	⋈	⋈	⋈	⋈	<code>\nsim^(a)</code>	not similar
U+02242	≈	≈	≈	≈	≈	≈	<code>\eqsim^(a)</code>	equals, similar
U+02243	≈	≈	≈	≈	≈	≈	<code>\simeq^(p)</code>	similar, equals
U+02244	⋈	⋈	⋈	⋈	⋈	⋈	<code>\nsime</code>	not similar, equals
U+02243	≈	≈	≈	≈	≈	≈	<code>\sime</code>	similar, equals (alias)
U+02244	⋈	⋈	⋈	⋈	⋈	⋈	<code>\nsimeq</code>	not similar, equals (alias)
U+02245	≡	≡	≡	≡	≡	≡	<code>\cong^(l)</code>	congruent with
U+02246	≇	≇	≇	≇	≇	≇	<code>\simneqq</code>	similar, not equals [vert only for 9573 entity]
U+02247	≇	≇	≇	≇	≇	≇	<code>\ncong^(a)</code>	not congruent with
U+02248	≈	≈	≈	≈	≈	≈	<code>\approx^(p)</code>	approximate

USV	L	X	S	P	D	F	Macro	Description
U+02249	\napprox	\napprox	\napprox	\napprox	\napprox	\napprox	<code>\napprox</code>	not approximate
U+0224A	\approx	\approx	\approx	\approx	\approx	\approx	<code>\approx</code> ^(a)	approximate, equals
U+0224B	\approx	\approx	\approx	\approx	\approx	\approx	<code>\approxident</code>	approximately identical to
U+0224C	\cong	\cong	\cong	\cong	\cong	\cong	<code>\backcong</code>	all equal to
U+0224D	\asymp	\asymp	\asymp	\asymp	\asymp		<code>\asym</code> ^(p)	asymptotically equal to
U+0224E	\bumpeq	\bumpeq	\bumpeq	\bumpeq	\bumpeq		<code>\Bumpeq</code> ^(a)	bumpy equals
U+0224F	\bumpeq	\bumpeq	\bumpeq	\bumpeq	\bumpeq		<code>\bumpeq</code> ^(a)	bumpy equals, equals
U+02250	\doteq	\doteq	\doteq	\doteq	\doteq	\doteq	<code>\doteq</code> ^(l)	equals, single dot above
U+02251	\doteqdot	\doteqdot	\doteqdot	\doteqdot	\doteqdot	\doteqdot	<code>\Doteq</code> ^(a)	/doteqdot /doteq r: equals, even dots
U+02252	\fallingdotseq	\fallingdotseq	\fallingdotseq	\fallingdotseq	\fallingdotseq	\fallingdotseq	<code>\fallingdotseq</code> ^(a)	equals, falling dots
U+02253	\risingdotseq	\risingdotseq	\risingdotseq	\risingdotseq	\risingdotseq	\risingdotseq	<code>\risingdotseq</code> ^(a)	equals, rising dots
U+02254	\coloneq	\coloneq	\coloneq	\coloneq	\coloneq	\coloneq	<code>\coloneq</code>	colon, equals
U+02255	\eqcolon	\eqcolon	\eqcolon	\eqcolon	\eqcolon	\eqcolon	<code>\eqcolon</code>	equals, colon
U+02256	\eqcirc	\eqcirc	\eqcirc	\eqcirc	\eqcirc		<code>\eqcirc</code> ^(a)	circle on equals sign
U+02257	\circeq	\circeq	\circeq	\circeq	\circeq		<code>\circeq</code> ^(a)	circle, equals
U+02258	\arceq	\arceq	\arceq	\arceq	\arceq		<code>\arceq</code>	arc, equals; corresponds to
U+02259	\wedgeeq	\wedgeeq	\wedgeeq	\wedgeeq	\wedgeeq		<code>\wedgeeq</code>	corresponds to (wedge, equals)
U+0225A	\veeq	\veeq	\veeq	\veeq	\veeq		<code>\veeq</code>	logical or, equals
U+0225B	\stareq	\stareq	\stareq	\stareq	\stareq		<code>\stareq</code>	star equals
U+0225C	\triangleq	\triangleq	\triangleq	\triangleq	\triangleq		<code>\triangleq</code> ^(a)	triangle, equals
U+0225D	\eqdef	\eqdef	\eqdef	\eqdef	\eqdef		<code>\eqdef</code>	equals by definition
U+0225E	\measeq	\measeq	\measeq	\measeq	\measeq		<code>\measeq</code>	measured by (m over equals)
U+0225F	\questeq	\questeq	\questeq	\questeq	\questeq		<code>\questeq</code>	equal with questionmark
U+02260	\neq	\neq	\neq	\neq	\neq	\neq	<code>\ne</code> ^(p)	/ne /neq r: not equal

usv	L	X	S	P	D	F	Macro	Description
U+02261	≡	≡	≡	≡	≡	≡	$\backslash\mathrm{equiv}^{(p)}$	identical with
U+02262	≢	≢	≢	≢	≢	≢	$\backslash\mathrm{nequiv}$	not identical with
U+02263	≡	≡	≡	≡	≡	≡	$\backslash\mathrm{Equiv}$	strict equivalence (4 lines)
U+02264	≤	≤	≤	≤	≤	≤	$\backslash\mathrm{leq}^{(p)}$	/leq /le r: less-than-or-equal
U+02265	≥	≥	≥	≥	≥	≥	$\backslash\mathrm{geq}^{(p)}$	/geq /ge r: greater-than-or-equal
U+02266	≦	≦	≦	≦	≦	≦	$\backslash\mathrm{leqq}^{(a)}$	less, double equals
U+02267	≧	≧	≧	≧	≧	≧	$\backslash\mathrm{geqq}^{(a)}$	greater, double equals
U+02268	≨	≨	≨	≨	≨	≨	$\backslash\mathrm{lneqq}^{(a)}$	less, not double equals
U+02269	≩	≩	≩	≩	≩	≩	$\backslash\mathrm{gneqq}^{(a)}$	greater, not double equals
U+0226A	≪	≪	≪	≪	≪	≪	$\backslash\mathrm{ll}^{(p)}$	much less than, type 2
U+0226B	≫	≫	≫	≫	≫	≫	$\backslash\mathrm{gg}^{(p)}$	much greater than, type 2
U+0226C	⋈	⋈	⋈	⋈	⋈		$\backslash\mathrm{between}^{(a)}$	between
U+0226D	≍	≍	≍	≍	≍		$\backslash\mathrm{nasymp}$	not asymptotically equal to
U+0226E	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{nless}^{(a)}$	not less-than
U+0226F	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{ngtr}^{(a)}$	not greater-than
U+02270	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{nleq}^{(a)}$	not less-than-or-equal
U+02271	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{ngeq}^{(a)}$	not greater-than-or-equal
U+02272	≲	≲	≲	≲	≲	≲	$\backslash\mathrm{lesssim}^{(a)}$	less, similar
U+02273	≳	≳	≳	≳	≳	≳	$\backslash\mathrm{gtrsim}^{(a)}$	greater, similar
U+02274	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{nlesssim}$	not less, similar
U+02275	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{ngtrsim}$	not greater, similar
U+02276	≦	≦	≦	≦	≦	≦	$\backslash\mathrm{lessgtr}^{(a)}$	less, greater
U+02277	≧	≧	≧	≧	≧	≧	$\backslash\mathrm{gtrless}^{(a)}$	greater, less
U+02278	⋈	⋈	⋈	⋈	⋈	⋈	$\backslash\mathrm{nlessgtr}$	not less, greater

USV	L	X	S	P	D	F	Macro	Description
U+02279	↯	↰	↱	↲	↳	↴	<code>\ngtrless</code>	not greater, less
U+0227A	↵	↶	↷	↸	↹	↺	<code>\prec^(p)</code>	precedes
U+0227B	↶	↷	↸	↹	↺	↻	<code>\succ^(p)</code>	succeeds
U+0227C	↵	↰	↱	↲	↳	↴	<code>\preccurlyeq^(a)</code>	precedes, curly equals
U+0227D	↵	↰	↱	↲	↳	↴	<code>\succcurlyeq^(a)</code>	succeeds, curly equals
U+0227E	↵	↰	↱	↲	↳	↴	<code>\precsim^(a)</code>	precedes, similar
U+0227F	↵	↰	↱	↲	↳	↴	<code>\succsim^(a)</code>	succeeds, similar
U+02280	↯	↰	↱	↲	↳	↴	<code>\nprec^(a)</code>	not precedes
U+02281	↯	↰	↱	↲	↳	↴	<code>\nsucc^(a)</code>	not succeeds
U+02282	⊂	⊂	⊂	⊂	⊂	⊂	<code>\subset^(p)</code>	subset or is implied by
U+02283	⊃	⊃	⊃	⊃	⊃	⊃	<code>\supset^(p)</code>	superset or implies
U+02284	⊄	⊄	⊄	⊄	⊄	⊄	<code>\nsubset</code>	not subset, variant [slash negation]
U+02285	⊈	⊈	⊈	⊈	⊈	⊈	<code>\nsupset</code>	not superset, variant [slash negation]
U+02286	⊆	⊆	⊆	⊆	⊆	⊆	<code>\subseteq^(p)</code>	subset, equals
U+02287	⊇	⊇	⊇	⊇	⊇	⊇	<code>\supseteq^(p)</code>	superset, equals
U+02288	⊈	⊈	⊈	⊈	⊈	⊈	<code>\nsubseteq^(a)</code>	not subset, equals
U+02289	⊉	⊉	⊉	⊉	⊉	⊉	<code>\nsupseteq^(a)</code>	not superset, equals
U+0228A	⊈	⊈	⊈	⊈	⊈	⊈	<code>\subsetneq^(a)</code>	subset, not equals
U+0228B	⊉	⊉	⊉	⊉	⊉	⊉	<code>\supsetneq^(a)</code>	superset, not equals
U+0228F	⊐	⊐	⊐	⊐	⊐	⊐	<code>\sqsubset</code>	square subset
U+02290	⊑	⊑	⊑	⊑	⊑	⊑	<code>\sqsupset</code>	square superset
U+02291	⊆	⊆	⊆	⊆	⊆	⊆	<code>\sqsubseteq^(p)</code>	square subset, equals
U+02292	⊇	⊇	⊇	⊇	⊇	⊇	<code>\sqsupseteq^(p)</code>	square superset, equals
U+022A2	⊢	⊢	⊢	⊢	⊢		<code>\vdash^(p)</code>	vertical, dash













































USV	L	X	S	P	D	F	Macro	Description
U+022A3							<code>\dashv^(p)</code>	dash, vertical
U+022A6							<code>\assert</code>	assertion (vertical, short dash)
U+022A7							<code>\models^(p)</code>	models (vertical, short double dash)
U+022A8							<code>\vDash^(a)</code>	vertical, double dash
U+022A9							<code>\Vdash^(a)</code>	double vertical, dash
U+022AA							<code>\Vvdash^(a)</code>	triple vertical, dash
U+022AB							<code>\VDash</code>	double vert, double dash
U+022AC							<code>\nvdash^(a)</code>	not vertical, dash
U+022AD							<code>\nvDash^(a)</code>	not vertical, double dash
U+022AE							<code>\nVdash^(a)</code>	not double vertical, dash
U+022AF							<code>\nVDash^(a)</code>	not double vert, double dash
U+022B0							<code>\prurel</code>	element precedes under relation
U+022B1							<code>\scurrel</code>	succeeds under relation
U+022B2							<code>\vartriangleleft^(a)</code>	left triangle, open, variant
U+022B3							<code>\vartriangleright^(a)</code>	right triangle, open, variant
U+022B4							<code>\trianglelefteq^(a)</code>	left triangle, equals
U+022B5							<code>\trianglerighteq^(a)</code>	right triangle, equals
U+022B6							<code>\origof</code>	original of
U+022B7							<code>\imageof</code>	image of
U+022B8							<code>\multimap^(a)</code>	/multimap a:
U+022C8							<code>\bowtie^(p)</code>	bowtie
U+022CD							<code>\backsimeq^(a)</code>	reverse similar, equals
U+022D0							<code>\Subset^(a)</code>	double subset
U+022D1							<code>\Supset^(a)</code>	double superset











































USV	L	X	S	P	D	F	Macro	Description
U+022D4							<code>\pitchfork^(a)</code>	pitchfork
U+022D5							<code>\equalparallel</code>	parallel, equal; equal or parallel
U+022D6							<code>\lessdot^(a)</code>	less than, with dot
U+022D7							<code>\gtrdot^(a)</code>	greater than, with dot
U+022D8							<code>\lll^(a)</code>	/ll /lll /llless r: triple less-than
U+022D9							<code>\ggg^(a)</code>	/ggg /gg /gggtr r: triple greater-than
U+022DA							<code>\lesseqgtr^(a)</code>	less, equals, greater
U+022DB							<code>\gtreqless^(a)</code>	greater, equals, less
U+022DC							<code>\eqless</code>	equal-or-less
U+022DD							<code>\eqgtr</code>	equal-or-greater
U+022DE							<code>\curlyeqprec^(a)</code>	curly equals, precedes
U+022DF							<code>\curlyeqsucc^(a)</code>	curly equals, succeeds
U+022E0							<code>\nprec curlyeq</code>	not precedes, curly equals
U+022E1							<code>\nsucc curlyeq</code>	not succeeds, curly equals
U+022E2							<code>\sqsubseteq</code>	not, square subset, equals
U+022E3							<code>\sqsupseteq</code>	not, square superset, equals
U+022E4							<code>\sqsubsetneq</code>	square subset, not equals
U+022E5							<code>\sqsupsetneq</code>	square superset, not equals
U+022E6							<code>\lnsim^(a)</code>	less, not similar
U+022E7							<code>\gnsim^(a)</code>	greater, not similar
U+022E8							<code>\precnsim^(a)</code>	precedes, not similar
U+022E9							<code>\succnsim^(a)</code>	succeeds, not similar
U+022EA							<code>\nvartriangleleft</code>	not left triangle
U+022EB							<code>\nvartriangleright</code>	not right triangle

USV	L	X	S	P	D	F	Macro	Description
U+022EC							<code>\ntrianglelefteq^(a)</code>	not left triangle, equals
U+022ED							<code>\ntrianglerighteq^(a)</code>	not right triangle, equals
U+022EE							<code>\vdots^(p)</code>	vertical ellipsis
U+022F0							<code>\adots</code>	three dots, ascending
U+022F1							<code>\ddots^(p)</code>	three dots, descending
U+022F2							<code>\disin</code>	element of with long horizontal stroke
U+022F3							<code>\varisins</code>	element of with vertical bar at end of horizontal stroke
U+022F4							<code>\isins</code>	small element of with vertical bar at end of horizontal stroke
U+022F5							<code>\isindot</code>	element of with dot above
U+022F6							<code>\varisinobar</code>	element of with overbar
U+022F7							<code>\isinobar</code>	small element of with overbar
U+022F8							<code>\isinvb</code>	element of with underbar
U+022F9							<code>\isinE</code>	element of with two horizontal strokes
U+022FA							<code>\nisd</code>	contains with long horizontal stroke
U+022FB							<code>\varnis</code>	contains with vertical bar at end of horizontal stroke
U+022FC							<code>\nis</code>	small contains with vertical bar at end of horizontal stroke
U+022FD							<code>\varniobar</code>	contains with overbar
U+022FE							<code>\niobar</code>	small contains with overbar
U+022FF							<code>\bagmember</code>	z notation bag membership
U+02322							<code>\frown^(p)</code>	down curve
U+02323							<code>\smile^(p)</code>	up curve
U+0233F							<code>\APLnotslash</code>	solidus, bar through (apl functional symbol slash bar)
U+025B5							<code>\vartriangle^(a)</code>	/triangle - up triangle, open

USV	L	X	S	P	D	F	Macro	Description
U+027C2	⊥	⊥	⊥	⊥	⊥	⊥	<code>\perp^(p)</code>	perpendicular
U+027C8		↯	↯				<code>\bsolhsb</code>	reverse solidus preceding subset
U+027C9		⊃/	⊃/				<code>\suphsol</code>	superset preceding solidus
U+027D2		⤿	⤿				<code>\upin</code>	element of opening upwards
U+027D3		┐	┐				<code>\pullback</code>	lower right corner with dot
U+027D4		┌	┌				<code>\pushout</code>	upper left corner with dot
U+027DA	⌞	⌞	⌞	⌞	⌞		<code>\DashVDash</code>	left and right double turnstile
U+027DB	⌟	⌟	⌟	⌟	⌟		<code>\dashVdash</code>	left and right tack
U+027DC	⌐	⌐	⌐	⌐	⌐		<code>\multimapinv</code>	left multimap
U+027DD	⏟	⏟	⏟	⏟	⏟		<code>\vlongdash</code>	long left tack
U+027DE	⏞	⏞	⏞	⏞	⏞		<code>\longdashv</code>	long right tack
U+027DF		⤿	⤿				<code>\cirbot</code>	up tack with circle above
U+027F0		⤿	⤿				<code>\UUparrow</code>	upwards quadruple arrow
U+027F1		⤿	⤿				<code>\DDownarrow</code>	downwards quadruple arrow
U+027F2		↺	↺				<code>\acwgapcirclearrow</code>	anticlockwise gapped circle arrow
U+027F3		↻	↻				<code>\cwgapcirclearrow</code>	clockwise gapped circle arrow
U+027F4	⊕	⊕	⊕	⊕	⊕		<code>\rightarrowonoplus</code>	right arrow with circled plus
U+027F5	⇐	⇐	⇐	⇐	⇐	⇐	<code>\longleftarrow^(p)</code>	long leftwards arrow
U+027F6	⇒	⇒	⇒	⇒	⇒	⇒	<code>\longrightarrow^(p)</code>	long rightwards arrow
U+027F7	↔	↔	↔	↔	↔	↔	<code>\longleftrightarrow^(p)</code>	long left right arrow
U+027F8	⇐⇐	⇐⇐	⇐⇐	⇐⇐	⇐⇐	⇐⇐	<code>\Longleftarrow^(p)</code>	long leftwards double arrow
U+027F9	⇒⇒	⇒⇒	⇒⇒	⇒⇒	⇒⇒	⇒⇒	<code>\Longrightarrow^(p)</code>	long rightwards double arrow
U+027FA	↔↔	↔↔	↔↔	↔↔	↔↔	↔↔	<code>\Longleftrightarrow^(p)</code>	long left right double arrow
U+027FB	⇐	⇐	⇐	⇐	⇐	⇐	<code>\longmapsfrom</code>	long leftwards arrow from bar

USV	L	X	S	P	D	F	Macro	Description
U+027FC							<code>\longmapsto^(p)</code>	long rightwards arrow from bar
U+027FD							<code>\Longmapsfrom</code>	long leftwards double arrow from bar
U+027FE							<code>\Longmapsto</code>	long rightwards double arrow from bar
U+027FF							<code>\longrightsquigarrow</code>	long rightwards squiggle arrow
U+02900							<code>\nvtwoheadrightarrow</code>	rightwards two-headed arrow with vertical stroke
U+02901							<code>\Nvtwoheadrightarrow</code>	rightwards two-headed arrow with double vertical stroke
U+02902							<code>\nvLeftarrow</code>	leftwards double arrow with vertical stroke
U+02903							<code>\nvRrightarrow</code>	rightwards double arrow with vertical stroke
U+02904							<code>\nvLeftrightarrow</code>	left right double arrow with vertical stroke
U+02905							<code>\twoheadmapsto</code>	rightwards two-headed arrow from bar
U+02906							<code>\Mapsfrom</code>	leftwards double arrow from bar
U+02907							<code>\Mapsto</code>	rightwards double arrow from bar
U+02908							<code>\downarrowbarred</code>	downwards arrow with horizontal stroke
U+02909							<code>\uparrowbarred</code>	upwards arrow with horizontal stroke
U+0290A							<code>\Uparrow</code>	upwards triple arrow
U+0290B							<code>\Downarrow</code>	downwards triple arrow
U+0290C							<code>\lefttbkarrow</code>	leftwards double dash arrow
U+0290D							<code>\righttbkarrow</code>	rightwards double dash arrow
U+0290E							<code>\leftdbkarrow</code>	leftwards triple dash arrow
U+0290F							<code>\dbkarrow</code>	rightwards triple dash arrow
U+02910							<code>\drbkarrow</code>	rightwards two-headed triple dash arrow

usv	L	X	S	P	D	F	Macro	Description
U+02911							<code>\rightrightarrow</code>	rightwards arrow with dotted stem
U+02912							<code>\baruparrow</code>	upwards arrow to bar
U+02913							<code>\downarrowbar</code>	downwards arrow to bar
U+02914							<code>\nvrightharpoonright</code>	rightwards arrow with tail with vertical stroke
U+02915							<code>\nVrightharpoonright</code>	rightwards arrow with tail with double vertical stroke
U+02916							<code>\twoheadrightarrowtail</code>	rightwards two-headed arrow with tail
U+02917							<code>\nvtwoheadrightarrowtail</code>	rightwards two-headed arrow with tail with vertical stroke
U+02918							<code>\nVtwoheadrightarrowtail</code>	rightwards two-headed arrow with tail with double vertical stroke
U+02919							<code>\lefttail</code>	leftwards arrow-tail
U+0291A							<code>\righttail</code>	rightwards arrow-tail
U+0291B							<code>\leftdbltail</code>	leftwards double arrow-tail
U+0291C							<code>\rightdbltail</code>	rightwards double arrow-tail
U+0291D							<code>\diamondleftarrow</code>	leftwards arrow to black diamond
U+0291E							<code>\rightarrowblackdiamond</code>	rightwards arrow to black diamond
U+0291F							<code>\diamondleftarrowbar</code>	leftwards arrow from bar to black diamond
U+02920							<code>\barrightarrowblackdiamond</code>	rightwards arrow from bar to black diamond
U+02921							<code>\nwsearrow</code>	north west and south east arrow
U+02922							<code>\neswarrow</code>	north east and south west arrow
U+02923							<code>\hknwarrow</code>	north west arrow with hook
U+02924							<code>\hknearrow</code>	north east arrow with hook
U+02925							<code>\hksearrow</code>	south east arrow with hook
U+02926							<code>\hkswarrow</code>	south west arrow with hook

usv	L	X	S	P	D	F	Macro	Description
U+02927							\tona	north west arrow and north east arrow
U+02928							\toea	north east arrow and south east arrow
U+02929							\tosa	south east arrow and south west arrow
U+0292A							\towa	south west arrow and north west arrow
U+02933							\rightcurvedarrow	wave arrow pointing directly right
U+02936							\leftdowncurvedarrow	arrow pointing downwards then curving leftwards
U+02937							\rightdowncurvedarrow	arrow pointing downwards then curving rightwards
U+02938							\cwrightarccarrow	right-side arc clockwise arrow
U+02939							\acwleftarccarrow	left-side arc anticlockwise arrow
U+0293A							\acwoverarccarrow	top arc anticlockwise arrow
U+0293B							\acwunderarccarrow	bottom arc anticlockwise arrow
U+0293C							\curvearrowrightminus	top arc clockwise arrow with minus
U+0293D							\curvearrowleftplus	top arc anticlockwise arrow with plus
U+0293E							\cwundercurvearrow	lower right semicircular clockwise arrow
U+0293F							\ccwundercurvearrow	lower left semicircular anticlockwise arrow
U+02940							\acwcirculararrow	anticlockwise closed circle arrow
U+02941							\cwcirculararrow	clockwise closed circle arrow
U+02942							\rightarrowshortleftarrow	rightwards arrow above short leftwards arrow
U+02943							\leftarrowshortrightarrow	leftwards arrow above short rightwards arrow
U+02944							\shortrightarrowleftarrow	short rightwards arrow above leftwards arrow
U+02945							\rightarrowplus	rightwards arrow with plus below

usv	L	X	S	P	D	F	Macro	Description
U+02946		↵	↵				<code>\leftarrowplus</code>	leftwards arrow with plus below
U+02947		↔	↔				<code>\rightarrowx</code>	rightwards arrow through x
U+02948		↔	↔				<code>\leftrightarrowcircle</code>	left right arrow through small circle
U+02949		↕	↕				<code>\twoheaduparrowcircle</code>	upwards two-headed arrow from small circle
U+0294A		↗	↘				<code>\leftrightharpoonupdown</code>	left barb up right barb down harpoon
U+0294B		↘	↗				<code>\leftrightharpoondownup</code>	left barb down right barb up harpoon
U+0294C		↙	↘				<code>\updownharpoonrightleft</code>	up barb right down barb left harpoon
U+0294D		↘	↙				<code>\updownharpoonleftright</code>	up barb left down barb right harpoon
U+0294E		↗	↗				<code>\leftrightharpoonupup</code>	left barb up right barb up harpoon
U+0294F		↘	↘				<code>\updownharpoonrightright</code>	up barb right down barb right harpoon
U+02950		↘	↘				<code>\leftrightharpoondowndown</code>	left barb down right barb down harpoon
U+02951		↙	↙				<code>\updownharpoonleftleft</code>	up barb left down barb left harpoon
U+02952		↖	↖				<code>\barleftharpoonup</code>	leftwards harpoon with barb up to bar
U+02953		↗	↗				<code>\rightharpoonupbar</code>	rightwards harpoon with barb up to bar
U+02954		↖	↖				<code>\barupharpoonright</code>	upwards harpoon with barb right to bar
U+02955		↘	↘				<code>\downharpoonrightbar</code>	downwards harpoon with barb right to bar
U+02956		↖	↖				<code>\barleftharpoondown</code>	leftwards harpoon with barb down to bar
U+02957		↘	↘				<code>\rightharpoondownbar</code>	rightwards harpoon with barb down to bar
U+02958		↖	↖				<code>\barupharpoonleft</code>	upwards harpoon with barb left to bar
U+02959		↘	↘				<code>\downharpoonleftbar</code>	downwards harpoon with barb left to bar

usv	L	X	S	P	D	F	Macro	Description
U+0295A		↵	↶				\leftharpoonupbar	leftwards harpoon with barb up from bar
U+0295B		↷	↸				\barriightharpoonup	rightwards harpoon with barb up from bar
U+0295C		↱	↲				\upharpoonrightbar	upwards harpoon with barb right from bar
U+0295D		↴	↵				\bardownharpoonright	downwards harpoon with barb right from bar
U+0295E		↶	↷				\leftharpoondownbar	leftwards harpoon with barb down from bar
U+0295F		↸	↹				\barriightharpoondown	rightwards harpoon with barb down from bar
U+02960		↰	↱				\upharpoonleftbar	upwards harpoon with barb left from bar
U+02961		↲	↳				\bardownharpoonleft	downwards harpoon with barb left from bar
U+02962		⇐	⇐				\leftharpoonsupdown	leftwards harpoon with barb up above leftwards harpoon with barb down
U+02963		⇑	⇑				\upharpoonsleftright	upwards harpoon with barb left beside upwards harpoon with barb right
U+02964		⇒	⇒				\rightharpoonsupdown	rightwards harpoon with barb up above rightwards harpoon with barb down
U+02965		⇓	⇓				\downharpoonsleftright	downwards harpoon with barb left beside downwards harpoon with barb right
U+02966		⇐	⇐				\leftrightharpoonsup	leftwards harpoon with barb up above rightwards harpoon with barb up
U+02967		⇒	⇒				\leftrightharpoonsdown	leftwards harpoon with barb down above rightwards harpoon with barb down
U+02968		⇐	⇐				\rightleftharpoonsup	rightwards harpoon with barb up above leftwards harpoon with barb up
U+02969		⇐	⇐				\rightleftharpoonsdown	rightwards harpoon with barb down above leftwards harpoon with barb down

USV	L	X	S	P	D	F	Macro	Description
U+0296A		⇐	⇐				\leftharpoonupdash	leftwards harpoon with barb up above long dash
U+0296B		⇐	⇐				\dashleftharpoonowdown	leftwards harpoon with barb down below long dash
U+0296C		⇒	⇒				\rightharpoonupdash	rightwards harpoon with barb up above long dash
U+0296D		⇒	⇒				\dashrightharpoonowdown	rightwards harpoon with barb down below long dash
U+0296E		↯	↯			↯	\updownharpoonsleftright	upwards harpoon with barb left beside downwards harpoon with barb right
U+0296F		↯	↯			↯	\downupharpoonsleftright	downwards harpoon with barb left beside upwards harpoon with barb right
U+02970		⇒	⇒				\rightimply	right double arrow with rounded head
U+02971		⇒	⇒				\equalrightarrow	equals sign above rightwards arrow
U+02972		⇒	⇒				\similarrightarrow	tilde operator above rightwards arrow
U+02973		⇐	⇐				\leftarrowssimilar	leftwards arrow above tilde operator
U+02974		⇒	⇒				\rightarrowssimilar	rightwards arrow above tilde operator
U+02975		⇒	⇒				\rightarrowapprox	rightwards arrow above almost equal to
U+02976		⇐	⇐				\ltlarr	less-than above leftwards arrow
U+02977		⇐	⇐				\leftarrowless	leftwards arrow through less-than
U+02978		⇒	⇒				\gtrarr	greater-than above rightwards arrow
U+02979		⇐	⇐				\subrarr	subset above rightwards arrow
U+0297A		⇐	⇐				\leftarrowsubset	leftwards arrow through subset
U+0297B		⇒	⇒				\suplarr	superset above leftwards arrow
U+0297C		↵	↵				\leftfishtail	left fish tail
U+0297D		↶	↶				\rightfishtail	right fish tail

USV	L	X	S	P	D	F	Macro	Description
U+0297E		↗	↗				\upfishtail	up fish tail
U+0297F		↘	↘				\downfishtail	down fish tail
U+02982		⋮	⋮				\typecolon	z notation type colon
U+029CE		⌵	⌶				\rtriltri	right triangle above left triangle
U+029CF		⌵	⌵				\ltrivb	left triangle beside vertical bar
U+029D0		⌶	⌶				\vbrtri	vertical bar beside right triangle
U+029D1		⌵	⌵				\lfbowtie	left black bowtie
U+029D2		⌵	⌵				\rfbowtie	right black bowtie
U+029D3		⌵	⌵				\fbowtie	black bowtie
U+029D4		⌵	⌵				\lftimes	left black times
U+029D5		⌵	⌵				\rftimes	right black times
U+029DF		↔	↔				\dualmap	double-ended multimap
U+029E1		⌵	⌵				\lrtriangleeq	increases as
U+029E3		#	#				\eparsl	equals sign and slanted parallel
U+029E4		≍	≍				\smeparsl	equals sign and slanted parallel with tilde above
U+029E5		#	#				\eqvparsl	identical to and slanted parallel
U+029E6		≡	≡				\gleichstark	gleich stark
U+029F4		⇒	⇒				\ruledelayed	rule-delayed
U+02A59		⋈	⋈				\veeonwedge	logical or overlapping logical and
U+02A66		≐	≐				\eqdot	equals sign with dot below
U+02A67		≐	≐				\dotequiv	identical with dot above
U+02A68		≡	≡				\equivVert	triple horizontal bar with double vertical stroke
U+02A69		≡	≡				\equivVvert	triple horizontal bar with triple vertical stroke

















































USV	L	X	S	P	D	F	Macro	Description
U+02A6A		~̇	~̇				\dotsim	tilde operator with dot above
U+02A6B		~̈́	~̈́				\simrdots	tilde operator with rising dots
U+02A6C		≈	≈				\simminussim	similar minus similar
U+02A6D		≍̇	≍̇				\congdots	congruent with dot above
U+02A6E		≍*	≍*				\asteq	equals with asterisk
U+02A6F		≈̂	≈̂				\hatapprox	almost equal to with circumflex accent
U+02A70		≈̃	≈̃				\approxeqq	approximately equal or equal to
U+02A73		≈̂	≈̂				\eqqsim	equals sign above tilde operator
U+02A74		∴	∴				\Coloneq	double colon equal
U+02A75		==	==				\eqeq	two consecutive equals signs
U+02A76		===	===				\eqeqeq	three consecutive equals signs
U+02A77		≍̈́	≍̈́				\ddotseq	equals sign with two dots above and two dots below
U+02A78		≍̈́	≍̈́				\equivDD	equivalent with four dots above
U+02A79		⋈	⋈				\ltcir	less-than with circle inside
U+02A7A		⋉	⋉				\gtcir	greater-than with circle inside
U+02A7B		⋈?	⋈?				\ltquest	less-than with question mark above
U+02A7C		⋉?	⋉?				\gtquest	greater-than with question mark above
U+02A7D	⋈	⋈	⋈	⋈	⋈	⋈	\leqslant ^(a)	less-than or slanted equal to
U+02A7E	⋉	⋉	⋉	⋉	⋉	⋉	\geqslant ^(a)	greater-than or slanted equal to
U+02A7F		⋈̇	⋈̇				\lesdot	less-than or slanted equal to with dot inside
U+02A80		⋉̇	⋉̇				\gesdot	greater-than or slanted equal to with dot inside
U+02A81		⋈̇	⋈̇				\lesdoto	less-than or slanted equal to with dot above

USV	L	X	S	P	D	F	Macro	Description
U+02A82							<code>\gesdoto</code>	greater-than or slanted equal to with dot above
U+02A83							<code>\lesdotor</code>	less-than or slanted equal to with dot above right
U+02A84							<code>\gesdoto1</code>	greater-than or slanted equal to with dot above left
U+02A85							<code>\lessapprox^(a)</code>	less-than or approximate
U+02A86							<code>\gtrapprox^(a)</code>	greater-than or approximate
U+02A87							<code>\lneq^(a)</code>	less-than and single-line not equal to
U+02A88							<code>\gneq^(a)</code>	greater-than and single-line not equal to
U+02A89							<code>\lnapprox^(a)</code>	less-than and not approximate
U+02A8A							<code>\gnapprox^(a)</code>	greater-than and not approximate
U+02A8B							<code>\lesseqgtr^(a)</code>	less-than above double-line equal above greater-than
U+02A8C							<code>\gtreqless^(a)</code>	greater-than above double-line equal above less-than
U+02A8D							<code>\lsime</code>	less-than above similar or equal
U+02A8E							<code>\gsime</code>	greater-than above similar or equal
U+02A8F							<code>\lsimg</code>	less-than above similar above greater-than
U+02A90							<code>\gsiml</code>	greater-than above similar above less-than
U+02A91							<code>\lgE</code>	less-than above greater-than above double-line equal
U+02A92							<code>\glE</code>	greater-than above less-than above double-line equal
U+02A93							<code>\lesges</code>	less-than above slanted equal above greater-than
U+02A94							<code>\gesles</code>	greater-than above slanted equal above less-than
U+02A95							<code>\eqslantless^(a)</code>	slanted equal to or less-than

USV	L	X	S	P	D	F	Macro	Description
U+02A96	➤	➤	➤	➤	➤		<code>\eqslantgtr^(a)</code>	slanted equal to or greater-than
U+02A97		⋈	⋈				<code>\elsdot</code>	slanted equal to or less-than with dot inside
U+02A98		➤	➤				<code>\egsdot</code>	slanted equal to or greater-than with dot inside
U+02A99		⋈	⋈				<code>\eqqless</code>	double-line equal to or less-than
U+02A9A		⋈	⋈				<code>\eqqgtr</code>	double-line equal to or greater-than
U+02A9B		⋈	⋈				<code>\eqqslantless</code>	double-line slanted equal to or less-than
U+02A9C		⋈	⋈				<code>\eqqslantgtr</code>	double-line slanted equal to or greater-than
U+02A9D		⋈	⋈				<code>\simless</code>	similar or less-than
U+02A9E		⋈	⋈				<code>\simgtr</code>	similar or greater-than
U+02A9F		⋈	⋈				<code>\simlE</code>	similar above less-than above equals sign
U+02AA0		⋈	⋈				<code>\simgE</code>	similar above greater-than above equals sign
U+02AA1		⋈	⋈				<code>\Lt</code>	double nested less-than
U+02AA2		➤	➤				<code>\Gt</code>	double nested greater-than
U+02AA3		⋈	⋈				<code>\partialmeetcontraction</code>	double less-than with underbar
U+02AA4		⋈	⋈				<code>\glj</code>	greater-than overlapping less-than
U+02AA5		⋈	⋈				<code>\gla</code>	greater-than beside less-than
U+02AA6		⋈	⋈				<code>\ltcc</code>	less-than closed by curve
U+02AA7		⋈	⋈				<code>\gtcc</code>	greater-than closed by curve
U+02AA8		⋈	⋈				<code>\lescc</code>	less-than closed by curve above slanted equal
U+02AA9		⋈	⋈				<code>\gescc</code>	greater-than closed by curve above slanted equal
U+02AAA		⋈	⋈				<code>\smt</code>	smaller than
U+02AAB		➤	➤				<code>\lat</code>	larger than

USV	L	X	S	P	D	F	Macro	Description
U+02AAC		\preceq	\preceq				<code>\smte</code>	smaller than or equal to
U+02AAD		\succeq	\succeq				<code>\late</code>	larger than or equal to
U+02AAE		\bumpeq	\bumpeq				<code>\bumpeq</code>	equals sign with bumpy above
U+02AAF	\preceq	\preceq	\preceq	\preceq	\preceq		<code>\preceq^(p)</code>	precedes above single-line equals sign
U+02AB0	\preceq	\preceq	\preceq	\preceq	\preceq		<code>\succeq^(p)</code>	succeeds above single-line equals sign
U+02AB1		\nprec	\nprec				<code>\precneq</code>	precedes above single-line not equal to
U+02AB2		\nsuc	\nsuc				<code>\succneq</code>	succeeds above single-line not equal to
U+02AB3		\preceq	\preceq				<code>\preceqq</code>	precedes above equals sign
U+02AB4		\preceq	\preceq				<code>\succeqq</code>	succeeds above equals sign
U+02AB5		\nprec	\nprec				<code>\precneqq^(a)</code>	precedes above not equal to
U+02AB6		\nsuc	\nsuc				<code>\succneqq^(a)</code>	succeeds above not equal to
U+02AB7		\approx	\approx				<code>\precapprox^(a)</code>	precedes above almost equal to
U+02AB8		\approx	\approx				<code>\succapprox^(a)</code>	succeeds above almost equal to
U+02AB9		\napprox	\napprox				<code>\precnapprox^(a)</code>	precedes above not almost equal to
U+02ABA		\napprox	\napprox				<code>\succnapprox^(a)</code>	succeeds above not almost equal to
U+02ABB		\prec	\prec				<code>\Prec</code>	double precedes
U+02ABC		\succ	\succ				<code>\Succ</code>	double succeeds
U+02ABD		\subset	\subset				<code>\subsetdot</code>	subset with dot
U+02ABE		\supset	\supset				<code>\supsetdot</code>	superset with dot
U+02ABF		\subset	\subset				<code>\subsetplus</code>	subset with plus sign below
U+02AC0		\supset	\supset				<code>\supsetplus</code>	superset with plus sign below
U+02AC1		\times	\times				<code>\submult</code>	subset with multiplication sign below
U+02AC2		\times	\times				<code>\supmult</code>	superset with multiplication sign below

USV	L	X	S	P	D	F	Macro	Description
U+02AC3		⊆̇	⊇̇				\subedot	subset of or equal to with dot above
U+02AC4		⊇̇	⊆̇				\supedot	superset of or equal to with dot above
U+02AC5		⊆=	⊇=				\subseteqq ^(a)	subset of above equals sign
U+02AC6		⊇=	⊆=				\supseteqq ^(a)	superset of above equals sign
U+02AC7		⊆~	⊇~				\subsim	subset of above tilde operator
U+02AC8		⊇~	⊆~				\supsim	superset of above tilde operator
U+02AC9		⊆≈	⊇≈				\subsetapprox	subset of above almost equal to
U+02ACA		⊇≈	⊆≈				\supsetapprox	superset of above almost equal to
U+02ACB		⊆≠	⊇≠				\subsetneqq ^(a)	subset of above not equal to
U+02ACC		⊇≠	⊆≠				\supsetneqq ^(a)	superset of above not equal to
U+02ACD		⌊	⌋				\lsqhook	square left open box operator
U+02ACE		⌋	⌊				\rsqhook	square right open box operator
U+02ACF		⊐	⊑				\csub	closed subset
U+02AD0		⊒	⊓				\csup	closed superset
U+02AD1		⊐=	⊑=				\csube	closed subset or equal to
U+02AD2		⊒=	⊓=				\csupe	closed superset or equal to
U+02AD3		⊆⊃	⊇⊂				\subsup	subset above superset
U+02AD4		⊇⊃	⊆⊂				\supsub	superset above subset
U+02AD5		⊆⊂	⊇⊃				\subsub	subset above subset
U+02AD6		⊇⊂	⊆⊃				\supsup	superset above superset
U+02AD7		⊇⊂	⊆⊃				\suphsub	superset beside subset
U+02AD8		⊇⊂	⊆⊃				\supdsub	superset beside and joined by dash with subset
U+02AD9		⌞	⌟				\forkv	element of opening downwards
U+02ADA		⌞	⌟				\topfork	pitchfork with tee top

USV	L	X	S	P	D	F	Macro	Description
U+02ADB							<code>\mlcp</code>	transversal intersection
U+02ADC							<code>\forks</code>	forking
U+02ADD							<code>\forksnot</code>	nonforking
U+02ADE							<code>\shortlefttack</code>	short left tack
U+02ADF							<code>\shortdowntack</code>	short down tack
U+02AE0							<code>\shortuptack</code>	short up tack
U+02AE2							<code>\Vdash</code>	vertical bar triple right turnstile
U+02AE3							<code>\dashV</code>	double vertical bar left turnstile
U+02AE4							<code>\Dashv</code>	vertical bar double left turnstile
U+02AE5							<code>\DashV</code>	double vertical bar double left turnstile
U+02AE6							<code>\varVdash</code>	long dash from left member of double vertical
U+02AE7							<code>\Barv</code>	short down tack with overbar
U+02AE8							<code>\vBar</code>	short up tack with underbar
U+02AE9							<code>\vBarv</code>	short up tack above short down tack
U+02AEA							<code>\barV</code>	double down tack
U+02AEB							<code>\Vbar</code>	double up tack
U+02AEC							<code>\Not</code>	double stroke not sign
U+02AED							<code>\bNot</code>	reversed double stroke not sign
U+02AEE							<code>\revnmid</code>	does not divide with reversed negation slash
U+02AEF							<code>\cirmid</code>	vertical line with circle above
U+02AF0							<code>\midcir</code>	vertical line with circle below
U+02AF2							<code>\nhpar</code>	parallel with horizontal stroke
U+02AF3							<code>\parsim</code>	parallel with tilde operator
U+02AF7							<code>\lllnest</code>	stacked very much less-than

USV	L	X	S	P	D	F	Macro	Description
U+02AF8		➤	➤				<code>\gggnest</code>	stacked very much greater-than
U+02AF9		➤	➤				<code>\leqqslant</code>	double-line slanted less-than or equal to
U+02AFA		➤	➤				<code>\geqqslant</code>	double-line slanted greater-than or equal to
U+02B30		↵	↵				<code>\circlearrowleft</code>	left arrow with small circle
U+02B31	↵	↵	↵	↵	↵	↵	<code>\leftthreearrows</code>	three leftwards arrows
U+02B32		↵	↵				<code>\leftarrowonoplus</code>	left arrow with circled plus
U+02B33	↵	↵	↵	↵	↵		<code>\longleftsquigarrow</code>	long leftwards squiggle arrow
U+02B34		↵	↵				<code>\nvtwoheadleftarrow</code>	leftwards two-headed arrow with vertical stroke
U+02B35		↵	↵				<code>\Nvtwoheadleftarrow</code>	leftwards two-headed arrow with double vertical stroke
U+02B36		↵	↵				<code>\twoheadmapsfrom</code>	leftwards two-headed arrow from bar
U+02B37		↵	↵				<code>\twoheadleftdbkarrow</code>	leftwards two-headed triple-dash arrow
U+02B38		↵	↵				<code>\leftdotarrow</code>	leftwards arrow with dotted stem
U+02B39		↵	↵				<code>\nvleftarrowtail</code>	leftwards arrow with tail with vertical stroke
U+02B3A		↵	↵				<code>\Nvleftarrowtail</code>	leftwards arrow with tail with double vertical stroke
U+02B3B		↵	↵				<code>\twoheadleftarrowtail</code>	leftwards two-headed arrow with tail
U+02B3C		↵	↵				<code>\nvtwoheadleftarrowtail</code>	leftwards two-headed arrow with tail with vertical stroke
U+02B3D		↵	↵				<code>\Nvtwoheadleftarrowtail</code>	leftwards two-headed arrow with tail with double vertical stroke
U+02B3E		↵	↵				<code>\leftarrowx</code>	leftwards arrow through x
U+02B3F		↵	↵				<code>\leftcurvedarrow</code>	wave arrow pointing directly left
U+02B40		↵	↵				<code>\eqlleftarrow</code>	equals sign above leftwards arrow
U+02B41		↵	↵				<code>\bsimilarleftarrow</code>	reverse tilde operator above leftwards arrow

USV	L	X	S	P	D	F	Macro	Description
U+02B42		↵	↵				<code>\leftarrowbackapprox</code>	leftwards arrow above reverse almost equal to
U+02B43		➤	➤				<code>\rightarrowgtr</code>	rightwards arrow through greater-than
U+02B44		➤	➤				<code>\rightarrowsupset</code>	rightwards arrow through subset
U+02B45		⇐	⇐				<code>\Lleftarrow</code>	leftwards quadruple arrow
U+02B46		⇒	⇒				<code>\Rrightarrow</code>	rightwards quadruple arrow
U+02B47		↵	↵				<code>\bsimilarrightarrow</code>	reverse tilde operator above rightwards arrow
U+02B48		↵	↵				<code>\rightarrowbackapprox</code>	rightwards arrow above reverse almost equal to
U+02B49		↵	↵				<code>\similarleftarrow</code>	tilde operator above leftwards arrow
U+02B4A		↵	↵				<code>\leftarrowapprox</code>	leftwards arrow above almost equal to
U+02B4B		↵	↵				<code>\leftarrowbsimilar</code>	leftwards arrow above reverse tilde operator
U+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	L	X	S	P	D	F	Macro	Description
U+00391	Α	Α	Α	Α	Α	Α	\mupAlpha	capital alpha, greek
U+00392	Β	Β	Β	Β	Β	Β	\mupBeta	capital beta, greek
U+00393	Γ	Γ	Γ	Γ	Γ	Γ	\mupGamma	capital gamma, greek
U+00394	Δ	Δ	Δ	Δ	Δ	Δ	\mupDelta	capital delta, greek
U+00395	Ε	Ε	Ε	Ε	Ε	Ε	\mupEpsilon	capital epsilon, greek
U+00396	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	\mupZeta	capital zeta, greek
U+00397	Η	Η	Η	Η	Η	Η	\mupEta	capital eta, greek
U+00398	Θ	Θ	Θ	Θ	Θ	Θ	\mupTheta	capital theta, greek
U+00399	Ι	Ι	Ι	Ι	Ι	Ι	\mupIota	capital iota, greek
U+0039A	Κ	Κ	Κ	Κ	Κ	Κ	\mupKappa	capital kappa, greek
U+0039B	Λ	Λ	Λ	Λ	Λ	Λ	\mupLambda	capital lambda, greek
U+0039C	Μ	Μ	Μ	Μ	Μ	Μ	\mupMu	capital mu, greek
U+0039D	Ν	Ν	Ν	Ν	Ν	Ν	\mupNu	capital nu, greek
U+0039E	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	\mupXi	capital xi, greek
U+0039F	Ο	Ο	Ο	Ο	Ο	Ο	\mupOmicron	capital omicron, greek
U+003A0	Π	Π	Π	Π	Π	Π	\mupPi	capital pi, greek
U+003A1	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	\mupRho	capital rho, greek
U+003A3	Σ	Σ	Σ	Σ	Σ	Σ	\mupSigma	capital sigma, greek
U+003A4	Τ	Τ	Τ	Τ	Τ	Τ	\mupTau	capital tau, greek
U+003A5	Υ	Υ	Υ	Υ	Υ	Υ	\mupUpsilon	capital upsilon, greek
U+003A6	Φ	Φ	Φ	Φ	Φ	Φ	\mupPhi	capital phi, greek

USV	L	X	S	P	D	F	Macro	Description
U+003A7	Χ	Χ	Χ	Χ	Χ	Χ	\mupChi	capital chi, greek
U+003A8	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	\mupPsi	capital psi, greek
U+003A9	Ω	Ω	Ω	Ω	Ω	Ω	\mupOmega	capital omega, greek

13.1.2 Upright Greek, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+003B1	α	α	α	α	α	α	\mupalpha	small alpha, greek
U+003B2	β	β	β	β	β	β	\mupbeta	small beta, greek
U+003B3	γ	γ	γ	γ	γ	γ	\mupgamma	small gamma, greek
U+003B4	δ	δ	δ	δ	δ	δ	\mupdelta	small delta, greek
U+003B5	ε	ε	ε	ε	ε	ε	\mupvarepsilon	rounded small varepsilon, greek
U+003B6	ζ	ζ	ζ	ζ	ζ	ζ	\mupzeta	small zeta, greek
U+003B7	η	η	η	η	η	η	\mupeta	small eta, greek
U+003B8	θ	θ	θ	θ	θ	θ	\muptheta	straight theta, small theta, greek
U+003B9	ι	ι	ι	ι	ι	ι	\mupiota	small iota, greek
U+003BA	κ	κ	κ	κ	κ	κ	\mupkappa	small kappa, greek
U+003BB	λ	λ	λ	λ	λ	λ	\muplambda	small lambda, greek
U+003BC	μ	μ	μ	μ	μ	μ	\mupmu	small mu, greek
U+003BD	ν	ν	ν	ν	ν	ν	\mupnu	small nu, greek
U+003BE	ξ	ξ	ξ	ξ	ξ	ξ	\mupxi	small xi, greek
U+003BF	ο	ο	ο	ο	ο	ο	\mupomicron	small omicron, greek
U+003C0	π	π	π	π	π	π	\muppi	small pi, greek
U+003C1	ρ	ρ	ρ	ρ	ρ	ρ	\muprho	small rho, greek
U+003C2	ς	ς	ς	ς	ς	ς	\mupvarsigma	terminal sigma, greek

USV	L	X	S	P	D	F	Macro	Description
U+003C3	σ	σ	σ	σ	σ	σ	\mupsigma	small sigma, greek
U+003C4	τ	τ	τ	τ	τ	τ	\muptau	small tau, greek
U+003C5	υ	υ	υ	υ	υ	υ	\mupupsilon	small upsilon, greek
U+003C6	φ	φ	φ	φ	φ	φ	\mupvarphi	curly or open small phi, greek
U+003C7	χ	χ	χ	χ	χ	χ	\mupchi	small chi, greek
U+003C8	ψ	ψ	ψ	ψ	ψ	ψ	\muppsi	small psi, greek
U+003C9	ω	ω	ω	ω	ω	ω	\mupomega	small omega, greek
U+003D1	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	\mupvarthetaeta	/varthetaeta - curly or open theta
U+003D5	φ	φ	φ	φ	φ	φ	\mupphi	/straightphi - small phi, greek
U+003D6	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	\mupvarpi	rounded small pi (pomega), greek
U+003DC		ϲ	ϲ				\upDigamma	capital digamma
U+003DD		Ϻ	Ϻ				\updigamma	old greek small letter digamma
U+003F0	κ	κ	κ	κ	κ	κ	\mupvarkappa	rounded small kappa, greek
U+003F1	ρ	ρ	ρ	ρ	ρ	ρ	\mupvarrho	rounded small rho, greek
U+003F4	Θ	Θ	Θ	Θ	Θ	Θ	\mupvarTheta	greek capital theta symbol
U+003F5	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	\mupepsilon	greek lunate varepsilon symbol

13.1.3 Italic, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D434	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	\mitA	mathematical italic capital a
U+1D435	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	\mitB	mathematical italic capital b
U+1D436	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	\mitC	mathematical italic capital c
U+1D437	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	\mitD	mathematical italic capital d
U+1D438	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	\mitE	mathematical italic capital e

USV	L	X	S	P	D	F	Macro	Description
U+1D439	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	\mitF	mathematical italic capital f
U+1D43A	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	\mitG	mathematical italic capital g
U+1D43B	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	\mitH	mathematical italic capital h
U+1D43C	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	\mitI	mathematical italic capital i
U+1D43D	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	\mitJ	mathematical italic capital j
U+1D43E	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	\mitK	mathematical italic capital k
U+1D43F	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	\mitL	mathematical italic capital l
U+1D440	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	\mitM	mathematical italic capital m
U+1D441	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	\mitN	mathematical italic capital n
U+1D442	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	\mitO	mathematical italic capital o
U+1D443	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	\mitP	mathematical italic capital p
U+1D444	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	\mitQ	mathematical italic capital q
U+1D445	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	\mitR	mathematical italic capital r
U+1D446	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	\mitS	mathematical italic capital s
U+1D447	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	\mitT	mathematical italic capital t
U+1D448	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	\mitU	mathematical italic capital u
U+1D449	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	\mitV	mathematical italic capital v
U+1D44A	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	\mitW	mathematical italic capital w
U+1D44B	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	\mitX	mathematical italic capital x
U+1D44C	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	\mitY	mathematical italic capital y
U+1D44D	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	\mitZ	mathematical italic capital z

13.1.4 Italic, Latin, lowercase

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

USV	L	X	S	P	D	F	Macro	Description
U+1D467	<i>z</i>	<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	L	X	S	P	D	F	Macro	Description
U+1D6E2	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<code>\mitAlpha</code>	mathematical italic capital alpha
U+1D6E3	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<code>\mitBeta</code>	mathematical italic capital beta
U+1D6E4	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<code>\mitGamma</code>	mathematical italic capital gamma
U+1D6E5	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<code>\mitDelta</code>	mathematical italic capital delta
U+1D6E6	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<code>\mitEpsilon</code>	mathematical italic capital epsilon
U+1D6E7	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<code>\mitZeta</code>	mathematical italic capital zeta
U+1D6E8	<i>Η</i>	<i>Η</i>	<i>Η</i>	<i>Η</i>	<i>Η</i>	<i>Η</i>	<code>\mitEta</code>	mathematical italic capital eta
U+1D6E9	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<code>\mitTheta</code>	mathematical italic capital theta
U+1D6EA	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<code>\mitIota</code>	mathematical italic capital iota
U+1D6EB	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<code>\mitKappa</code>	mathematical italic capital kappa
U+1D6EC	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<code>\mitLambda</code>	mathematical italic capital lambda
U+1D6ED	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<code>\mitMu</code>	mathematical italic capital mu
U+1D6EE	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<code>\mitNu</code>	mathematical italic capital nu
U+1D6EF	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<code>\mitXi</code>	mathematical italic capital xi
U+1D6F0	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<code>\mitOmicron</code>	mathematical italic capital omicron
U+1D6F1	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<code>\mitPi</code>	mathematical italic capital pi
U+1D6F2	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<code>\mitRho</code>	mathematical italic capital rho
U+1D6F3	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<code>\mitvarTheta</code>	mathematical italic capital theta symbol
U+1D6F4	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<code>\mitSigma</code>	mathematical italic capital sigma
U+1D6F5	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<code>\mitTau</code>	mathematical italic capital tau

USV	L	X	S	P	D	F	Macro	Description
U+1D6F6	<i>U</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mitUpsilon</code>	mathematical italic capital upsilon
U+1D6F7	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<code>\mitPhi</code>	mathematical italic capital phi
U+1D6F8	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<code>\mitChi</code>	mathematical italic capital chi
U+1D6F9	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<code>\mitPsi</code>	mathematical italic capital psi
U+1D6FA	<i>Ω</i>	<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	L	X	S	P	D	F	Macro	Description
U+1D6FC	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<code>\mitalpha</code>	mathematical italic small alpha
U+1D6FD	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<code>\mitbeta</code>	mathematical italic small beta
U+1D6FE	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<code>\mitgamma</code>	mathematical italic small gamma
U+1D6FF	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<code>\mitdelta</code>	mathematical italic small delta
U+1D700	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<code>\mitvarepsilon</code>	mathematical italic small varepsilon
U+1D701	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<i>ζ</i>	<code>\mitzeta</code>	mathematical italic small zeta
U+1D702	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<i>η</i>	<code>\miteta</code>	mathematical italic small eta
U+1D703	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<code>\mittheta</code>	mathematical italic small theta
U+1D704	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<i>ι</i>	<code>\mitiota</code>	mathematical italic small iota
U+1D705	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<code>\mitkappa</code>	mathematical italic small kappa
U+1D706	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<i>λ</i>	<code>\mitlambda</code>	mathematical italic small lambda
U+1D707	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<i>μ</i>	<code>\mitmu</code>	mathematical italic small mu
U+1D708	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<i>ν</i>	<code>\mitnu</code>	mathematical italic small nu
U+1D709	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<i>ξ</i>	<code>\mitxi</code>	mathematical italic small xi
U+1D70A	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<i>ο</i>	<code>\mitomicron</code>	mathematical italic small omicron
U+1D70B	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<i>π</i>	<code>\mitpi</code>	mathematical italic small pi

USV	L	X	S	P	D	F	Macro	Description
U+1D70C	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<code>\mitrho</code>	mathematical italic small rho
U+1D70D	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<i>ς</i>	<code>\mitvarsigma</code>	mathematical italic small final sigma
U+1D70E	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<i>σ</i>	<code>\mitsigma</code>	mathematical italic small sigma
U+1D70F	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<i>τ</i>	<code>\mittau</code>	mathematical italic small tau
U+1D710	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<i>υ</i>	<code>\mitupsilon</code>	mathematical italic small upsilon
U+1D711	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<code>\mitvarphi</code>	mathematical italic small phi
U+1D712	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<i>χ</i>	<code>\mitchi</code>	mathematical italic small chi
U+1D713	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<i>ψ</i>	<code>\mitpsi</code>	mathematical italic small psi
U+1D714	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<i>ω</i>	<code>\mitomega</code>	mathematical italic small omega
U+1D715	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<i>∂</i>	<code>\mitpartial</code>	mathematical italic partial differential
U+1D716	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<code>\mitepsilon</code>	mathematical italic varepsilon symbol
U+1D717	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<i>θ</i>	<code>\mitvartheta</code>	mathematical italic theta symbol
U+1D718	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<i>κ</i>	<code>\mitvarkappa</code>	mathematical italic kappa symbol
U+1D719	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<i>φ</i>	<code>\mitphi</code>	mathematical italic phi symbol
U+1D71A	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<i>ρ</i>	<code>\mitvarrho</code>	mathematical italic rho symbol
U+1D71B	<i>π</i>	<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	L	X	S	P	D	F	Macro	Description
U+1D49C	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>		<code>\mscrA</code>	mathematical script capital a
U+1D49E	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>		<code>\mscrC</code>	mathematical script capital c
U+1D49F	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<code>\mscrD</code>	mathematical script capital d
U+1D4A2	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>		<code>\mscrG</code>	mathematical script capital g
U+1D4A5	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>		<code>\mscrJ</code>	mathematical script capital j

USV	L	X	S	P	D	F	Macro	Description
U+1D4A6	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		<code>\mscrK</code>	mathematical script capital k
U+1D4A9	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		<code>\mscrN</code>	mathematical script capital n
U+1D4AA	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		<code>\mscrO</code>	mathematical script capital o
U+1D4AB	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		<code>\mscrP</code>	mathematical script capital p
U+1D4AC	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		<code>\mscrQ</code>	mathematical script capital q
U+1D4AE	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		<code>\mscrS</code>	mathematical script capital s
U+1D4AF	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<code>\mscrT</code>	mathematical script capital t
U+1D4B0	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<code>\mscrU</code>	mathematical script capital u
U+1D4B1	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<code>\mscrV</code>	mathematical script capital v
U+1D4B2	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<code>\mscrW</code>	mathematical script capital w
U+1D4B3	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<code>\mscrX</code>	mathematical script capital x
U+1D4B4	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<code>\mscrY</code>	mathematical script capital y
U+1D4B5	<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	L	X	S	P	D	F	Macro	Description
U+1D4B6		<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		<code>\mscra</code>	mathematical script small a
U+1D4B7		<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		<code>\mscrb</code>	mathematical script small b
U+1D4B8		<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		<code>\mscrc</code>	mathematical script small c
U+1D4B9		<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		<code>\mscrd</code>	mathematical script small d
U+1D4BB		<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		<code>\mscrf</code>	mathematical script small f
U+1D4BD		<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mscrh</code>	mathematical script small h
U+1D4BE		<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		<code>\mscri</code>	mathematical script small i
U+1D4BF		<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		<code>\mscrj</code>	mathematical script small j































USV	L	X	S	P	D	F	Macro	Description
U+1D4C0		<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mscrk</code>	mathematical script small k
U+1D4C1		<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mscrl</code>	mathematical script small l
U+1D4C2		<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mscrm</code>	mathematical script small m
U+1D4C3		<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mscrn</code>	mathematical script small n
U+1D4C5		<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<code>\mscrp</code>	mathematical script small p
U+1D4C6		<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		<code>\mscrq</code>	mathematical script small q
U+1D4C7		<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		<code>\mscrr</code>	mathematical script small r
U+1D4C8		<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		<code>\mscrs</code>	mathematical script small s
U+1D4C9		<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		<code>\mscrt</code>	mathematical script small t
U+1D4CA		<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		<code>\mscru</code>	mathematical script small u
U+1D4CB		<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		<code>\mscrv</code>	mathematical script small v
U+1D4CC		<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		<code>\mscrw</code>	mathematical script small w
U+1D4CD		<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		<code>\mscrx</code>	mathematical script small x
U+1D4CE		<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		<code>\mscry</code>	mathematical script small y
U+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	L	X	S	P	D	F	Macro	Description
U+1D504	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>		<code>\mfrakA</code>	mathematical fraktur capital a
U+1D505	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>		<code>\mfrakB</code>	mathematical fraktur capital b
U+1D507	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<code>\mfrakD</code>	mathematical fraktur capital d
U+1D508	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		<code>\mfrakE</code>	mathematical fraktur capital e
U+1D509	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>		<code>\mfrakF</code>	mathematical fraktur capital f
U+1D50A	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>		<code>\mfrakG</code>	mathematical fraktur capital g

USV	L	X	S	P	D	F	Macro	Description
U+1D50D							<code>\mfrakJ</code>	mathematical fraktur capital j
U+1D50E							<code>\mfrakK</code>	mathematical fraktur capital k
U+1D50F							<code>\mfrakL</code>	mathematical fraktur capital l
U+1D510							<code>\mfrakM</code>	mathematical fraktur capital m
U+1D511							<code>\mfrakN</code>	mathematical fraktur capital n
U+1D512							<code>\mfrakO</code>	mathematical fraktur capital o
U+1D513							<code>\mfrakP</code>	mathematical fraktur capital p
U+1D514							<code>\mfrakQ</code>	mathematical fraktur capital q
U+1D516							<code>\mfrakS</code>	mathematical fraktur capital s
U+1D517							<code>\mfrakT</code>	mathematical fraktur capital t
U+1D518							<code>\mfrakU</code>	mathematical fraktur capital u
U+1D519							<code>\mfrakV</code>	mathematical fraktur capital v
U+1D51A							<code>\mfrakW</code>	mathematical fraktur capital w
U+1D51B							<code>\mfrakX</code>	mathematical fraktur capital x
U+1D51C							<code>\mfrakY</code>	mathematical fraktur capital y

13.1.10 Fraktur, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D51E							<code>\mfraka</code>	mathematical fraktur small a
U+1D51F							<code>\mfrakb</code>	mathematical fraktur small b
U+1D520							<code>\mfrakc</code>	mathematical fraktur small c
U+1D521							<code>\mfrakd</code>	mathematical fraktur small d
U+1D522							<code>\mfrake</code>	mathematical fraktur small e
U+1D523							<code>\mfrakf</code>	mathematical fraktur small f

usv	L	X	S	P	D	F	Macro	Description
U+1D524	g	g	g	g	g		\mfrakg	mathematical fraktur small g
U+1D525	h	h	h	h	h		\mfrakh	mathematical fraktur small h
U+1D526	i	i	i	i	i		\mfraki	mathematical fraktur small i
U+1D527	j	j	j	j	j		\mfrakj	mathematical fraktur small j
U+1D528	k	k	k	k	k		\mfrakk	mathematical fraktur small k
U+1D529	l	l	l	l	l		\mfrakl	mathematical fraktur small l
U+1D52A	m	m	m	m	m		\mfrakm	mathematical fraktur small m
U+1D52B	n	n	n	n	n		\mfrakn	mathematical fraktur small n
U+1D52C	o	o	o	o	o		\mfrako	mathematical fraktur small o
U+1D52D	p	p	p	p	p		\mfrakp	mathematical fraktur small p
U+1D52E	q	q	q	q	q		\mfrakq	mathematical fraktur small q
U+1D52F	r	r	r	r	r		\mfrakr	mathematical fraktur small r
U+1D530	s	s	s	s	s		\mfraks	mathematical fraktur small s
U+1D531	t	t	t	t	t		\mfrakt	mathematical fraktur small t
U+1D532	u	u	u	u	u		\mfraku	mathematical fraktur small u
U+1D533	v	v	v	v	v		\mfrakv	mathematical fraktur small v
U+1D534	w	w	w	w	w		\mfrakw	mathematical fraktur small w
U+1D535	x	x	x	x	x		\mfrakx	mathematical fraktur small x
U+1D536	y	y	y	y	y		\mfraky	mathematical fraktur small y
U+1D537	z	z	z	z	z		\mfrakz	mathematical fraktur small z

13.1.11 Blackboard, Latin, uppercase

usv	L	X	S	P	D	F	Macro	Description
U+1D538	A	A	A	A	A	A	\BbbA	mathematical double-struck capital a

usv	L	X	S	P	D	F	Macro	Description
U+1D539	B	B	B	B	B	B	\BbbB	mathematical double-struck capital b
U+1D53B	D	D	D	D	D	D	\BbbD	mathematical double-struck capital d
U+1D53C	E	E	E	E	E	E	\BbbE	mathematical double-struck capital e
U+1D53D	F	F	F	F	F	F	\BbbF	mathematical double-struck capital f
U+1D53E	G	G	G	G	G	G	\BbbG	mathematical double-struck capital g
U+1D540	I	I	I	I	I	I	\BbbI	mathematical double-struck capital i
U+1D541	J	J	J	J	J	J	\BbbJ	mathematical double-struck capital j
U+1D542	K	K	K	K	K	K	\BbbK	mathematical double-struck capital k
U+1D543	L	L	L	L	L	L	\BbbL	mathematical double-struck capital l
U+1D544	M	M	M	M	M	M	\BbbM	mathematical double-struck capital m
U+1D546	O	O	O	O	O	O	\BbbO	mathematical double-struck capital o
U+1D54A	S	S	S	S	S	S	\BbbS	mathematical double-struck capital s
U+1D54B	T	T	T	T	T	T	\BbbT	mathematical double-struck capital t
U+1D54C	U	U	U	U	U	U	\BbbU	mathematical double-struck capital u
U+1D54D	V	V	V	V	V	V	\BbbV	mathematical double-struck capital v
U+1D54E	W	W	W	W	W	W	\BbbW	mathematical double-struck capital w
U+1D54F	X	X	X	X	X	X	\BbbX	mathematical double-struck capital x
U+1D550	Y	Y	Y	Y	Y	Y	\BbbY	mathematical double-struck capital y

13.1.12 Blackboard, Latin, lowercase

usv	L	X	S	P	D	F	Macro	Description
U+1D552	a	a	a	a	a	a	\Bbba	mathematical double-struck small a
U+1D553	b	b	b	b	b	b	\Bbbb	mathematical double-struck small b
U+1D554	c	c	c	c	c	c	\Bbbc	mathematical double-struck small c

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

13.1.13 Sans serif, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D5A0	A	A	A	A	A		\msansA	mathematical sans-serif capital a
U+1D5A1	B	B	B	B	B		\msansB	mathematical sans-serif capital b
U+1D5A2	C	C	C	C	C		\msansC	mathematical sans-serif capital c
U+1D5A3	D	D	D	D	D		\msansD	mathematical sans-serif capital d
U+1D5A4	E	E	E	E	E		\msansE	mathematical sans-serif capital e
U+1D5A5	F	F	F	F	F		\msansF	mathematical sans-serif capital f
U+1D5A6	G	G	G	G	G		\msansG	mathematical sans-serif capital g
U+1D5A7	H	H	H	H	H		\msansH	mathematical sans-serif capital h
U+1D5A8	I	I	I	I	I		\msansI	mathematical sans-serif capital i
U+1D5A9	J	J	J	J	J		\msansJ	mathematical sans-serif capital j
U+1D5AA	K	K	K	K	K		\msansK	mathematical sans-serif capital k
U+1D5AB	L	L	L	L	L		\msansL	mathematical sans-serif capital l
U+1D5AC	M	M	M	M	M		\msansM	mathematical sans-serif capital m
U+1D5AD	N	N	N	N	N		\msansN	mathematical sans-serif capital n
U+1D5AE	O	O	O	O	O		\msansO	mathematical sans-serif capital o
U+1D5AF	P	P	P	P	P		\msansP	mathematical sans-serif capital p
U+1D5B0	Q	Q	Q	Q	Q		\msansQ	mathematical sans-serif capital q
U+1D5B1	R	R	R	R	R		\msansR	mathematical sans-serif capital r
U+1D5B2	S	S	S	S	S		\msansS	mathematical sans-serif capital s
U+1D5B3	T	T	T	T	T		\msansT	mathematical sans-serif capital t
U+1D5B4	U	U	U	U	U		\msansU	mathematical sans-serif capital u
U+1D5B5	V	V	V	V	V		\msansV	mathematical sans-serif capital v
U+1D5B6	W	W	W	W	W		\msansW	mathematical sans-serif capital w

USV	L	X	S	P	D	F	Macro	Description
U+1D5B7	X	X	X	X	X		\msansX	mathematical sans-serif capital x
U+1D5B8	Y	Y	Y	Y	Y		\msansY	mathematical sans-serif capital y
U+1D5B9	Z	Z	Z	Z	Z		\msansZ	mathematical sans-serif capital z

13.1.14 Sans serif, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D5BA	a	a	a	a	a		\msansa	mathematical sans-serif small a
U+1D5BB	b	b	b	b	b		\msansb	mathematical sans-serif small b
U+1D5BC	c	c	c	c	c		\msansc	mathematical sans-serif small c
U+1D5BD	d	d	d	d	d		\msansd	mathematical sans-serif small d
U+1D5BE	e	e	e	e	e		\msanse	mathematical sans-serif small e
U+1D5BF	f	f	f	f	f		\msansf	mathematical sans-serif small f
U+1D5C0	g	g	g	g	g		\msansg	mathematical sans-serif small g
U+1D5C1	h	h	h	h	h		\msansh	mathematical sans-serif small h
U+1D5C2	i	i	i	i	i		\msansi	mathematical sans-serif small i
U+1D5C3	j	j	j	j	j		\msansj	mathematical sans-serif small j
U+1D5C4	k	k	k	k	k		\msansk	mathematical sans-serif small k
U+1D5C5	l	l	l	l	l		\msansl	mathematical sans-serif small l
U+1D5C6	m	m	m	m	m		\msansm	mathematical sans-serif small m
U+1D5C7	n	n	n	n	n		\msansn	mathematical sans-serif small n
U+1D5C8	o	o	o	o	o		\msanso	mathematical sans-serif small o
U+1D5C9	p	p	p	p	p		\msansp	mathematical sans-serif small p
U+1D5CA	q	q	q	q	q		\msansq	mathematical sans-serif small q
U+1D5CB	r	r	r	r	r		\msansr	mathematical sans-serif small r

USV	L	X	S	P	D	F	Macro	Description
U+1D5CC	s	s	s	s	s		\msanss	mathematical sans-serif small s
U+1D5CD	t	t	t	t	t		\msanst	mathematical sans-serif small t
U+1D5CE	u	u	u	u	u		\msansu	mathematical sans-serif small u
U+1D5CF	v	v	v	v	v		\msansv	mathematical sans-serif small v
U+1D5D0	w	w	w	w	w		\msansw	mathematical sans-serif small w
U+1D5D1	x	x	x	x	x		\msansx	mathematical sans-serif small x
U+1D5D2	y	y	y	y	y		\msansy	mathematical sans-serif small y
U+1D5D3	z	z	z	z	z		\msansz	mathematical sans-serif small z

13.1.15 Italic sans serif, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D608	A	A	A	A	A		\mitsansA	mathematical sans-serif italic capital a
U+1D609	B	B	B	B	B		\mitsansB	mathematical sans-serif italic capital b
U+1D60A	C	C	C	C	C		\mitsansC	mathematical sans-serif italic capital c
U+1D60B	D	D	D	D	D		\mitsansD	mathematical sans-serif italic capital d
U+1D60C	E	E	E	E	E		\mitsansE	mathematical sans-serif italic capital e
U+1D60D	F	F	F	F	F		\mitsansF	mathematical sans-serif italic capital f
U+1D60E	G	G	G	G	G		\mitsansG	mathematical sans-serif italic capital g
U+1D60F	H	H	H	H	H		\mitsansH	mathematical sans-serif italic capital h
U+1D610	I	I	I	I	I		\mitsansI	mathematical sans-serif italic capital i
U+1D611	J	J	J	J	J		\mitsansJ	mathematical sans-serif italic capital j
U+1D612	K	K	K	K	K		\mitsansK	mathematical sans-serif italic capital k
U+1D613	L	L	L	L	L		\mitsansL	mathematical sans-serif italic capital l
U+1D614	M	M	M	M	M		\mitsansM	mathematical sans-serif italic capital m

USV	L	X	S	P	D	F	Macro	Description
U+1D615	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		\mitsansN	mathematical sans-serif italic capital n
U+1D616	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		\mitsansO	mathematical sans-serif italic capital o
U+1D617	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		\mitsansP	mathematical sans-serif italic capital p
U+1D618	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		\mitsansQ	mathematical sans-serif italic capital q
U+1D619	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		\mitsansR	mathematical sans-serif italic capital r
U+1D61A	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		\mitsansS	mathematical sans-serif italic capital s
U+1D61B	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		\mitsansT	mathematical sans-serif italic capital t
U+1D61C	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		\mitsansU	mathematical sans-serif italic capital u
U+1D61D	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		\mitsansV	mathematical sans-serif italic capital v
U+1D61E	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		\mitsansW	mathematical sans-serif italic capital w
U+1D61F	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		\mitsansX	mathematical sans-serif italic capital x
U+1D620	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		\mitsansY	mathematical sans-serif italic capital y
U+1D621	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		\mitsansZ	mathematical sans-serif italic capital z

13.1.16 Italic sans serif, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D622	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		\mitsansa	mathematical sans-serif italic small a
U+1D623	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		\mitsansb	mathematical sans-serif italic small b
U+1D624	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		\mitsansc	mathematical sans-serif italic small c
U+1D625	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		\mitsansd	mathematical sans-serif italic small d
U+1D626	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>		\mitsanse	mathematical sans-serif italic small e
U+1D627	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		\mitsansf	mathematical sans-serif italic small f
U+1D628	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>		\mitsansg	mathematical sans-serif italic small g
U+1D629	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		\mitsansh	mathematical sans-serif italic small h

USV	L	X	S	P	D	F	Macro	Description
U+1D62A	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>		<code>\mitsansi</code>	mathematical sans-serif italic small i
U+1D62B	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>		<code>\mitsansj</code>	mathematical sans-serif italic small j
U+1D62C	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mitsansk</code>	mathematical sans-serif italic small k
U+1D62D	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mitsansl</code>	mathematical sans-serif italic small l
U+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
U+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
U+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
U+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
U+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
U+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
U+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
U+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
U+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
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
U+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
U+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
U+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
U+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	L	X	S	P	D	F	Macro	Description
U+1D670	A	A	A	A	A	A	<code>\mttA</code>	mathematical monospace capital a
U+1D671	B	B	B	B	B	B	<code>\mttB</code>	mathematical monospace capital b
U+1D672	C	C	C	C	C	C	<code>\mttC</code>	mathematical monospace capital c

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

13.1.18 Typewriter, Latin, lowercase

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

USV	L	X	S	P	D	F	Macro	Description
U+1D6A1	x	x	x	x	x	x	\mttx	mathematical monospace small x
U+1D6A2	y	y	y	y	y	y	\mtty	mathematical monospace small y
U+1D6A3	z	z	z	z	z	z	\mttz	mathematical monospace small z

13.2 Bold

13.2.1 Bold, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D400	A	A	A	A	A	A	\mbfA	mathematical bold capital a
U+1D401	B	B	B	B	B	B	\mbfB	mathematical bold capital b
U+1D402	C	C	C	C	C	C	\mbfC	mathematical bold capital c
U+1D403	D	D	D	D	D	D	\mbfD	mathematical bold capital d
U+1D404	E	E	E	E	E	E	\mbfE	mathematical bold capital e
U+1D405	F	F	F	F	F	F	\mbfF	mathematical bold capital f
U+1D406	G	G	G	G	G	G	\mbfG	mathematical bold capital g
U+1D407	H	H	H	H	H	H	\mbfH	mathematical bold capital h
U+1D408	I	I	I	I	I	I	\mbfI	mathematical bold capital i
U+1D409	J	J	J	J	J	J	\mbfJ	mathematical bold capital j
U+1D40A	K	K	K	K	K	K	\mbfK	mathematical bold capital k
U+1D40B	L	L	L	L	L	L	\mbfL	mathematical bold capital l
U+1D40C	M	M	M	M	M	M	\mbfM	mathematical bold capital m
U+1D40D	N	N	N	N	N	N	\mbfN	mathematical bold capital n
U+1D40E	O	O	O	O	O	O	\mbfO	mathematical bold capital o
U+1D40F	P	P	P	P	P	P	\mbfP	mathematical bold capital p
U+1D410	Q	Q	Q	Q	Q	Q	\mbfQ	mathematical bold capital q

USV	L	X	S	P	D	F	Macro	Description
U+1D411	R	R	R	R	R	R	<code>\mbfR</code>	mathematical bold capital r
U+1D412	S	S	S	S	S	S	<code>\mbfS</code>	mathematical bold capital s
U+1D413	T	T	T	T	T	T	<code>\mbfT</code>	mathematical bold capital t
U+1D414	U	U	U	U	U	U	<code>\mbfU</code>	mathematical bold capital u
U+1D415	V	V	V	V	V	V	<code>\mbfV</code>	mathematical bold capital v
U+1D416	W	W	W	W	W	W	<code>\mbfW</code>	mathematical bold capital w
U+1D417	X	X	X	X	X	X	<code>\mbfX</code>	mathematical bold capital x
U+1D418	Y	Y	Y	Y	Y	Y	<code>\mbfY</code>	mathematical bold capital y
U+1D419	Z	Z	Z	Z	Z	Z	<code>\mbfZ</code>	mathematical bold capital z

13.2.2 Bold, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D41A	a	a	a	a	a	a	<code>\mbfa</code>	mathematical bold small a
U+1D41B	b	b	b	b	b	b	<code>\mbfb</code>	mathematical bold small b
U+1D41C	c	c	c	c	c	c	<code>\mbfc</code>	mathematical bold small c
U+1D41D	d	d	d	d	d	d	<code>\mbfd</code>	mathematical bold small d
U+1D41E	e	e	e	e	e	e	<code>\mbfe</code>	mathematical bold small e
U+1D41F	f	f	f	f	f	f	<code>\mbff</code>	mathematical bold small f
U+1D420	g	g	g	g	g	g	<code>\mbfg</code>	mathematical bold small g
U+1D421	h	h	h	h	h	h	<code>\mbfh</code>	mathematical bold small h
U+1D422	i	i	i	i	i	i	<code>\mbfi</code>	mathematical bold small i
U+1D423	j	j	j	j	j	j	<code>\mbfj</code>	mathematical bold small j
U+1D424	k	k	k	k	k	k	<code>\mbfk</code>	mathematical bold small k
U+1D425	l	l	l	l	l	l	<code>\mbfl</code>	mathematical bold small l

USV	L	X	S	P	D	F	Macro	Description
U+1D426	m	m	m	m	m	m	<code>\mbfm</code>	mathematical bold small m
U+1D427	n	n	n	n	n	n	<code>\mbfn</code>	mathematical bold small n
U+1D428	o	o	o	o	o	o	<code>\mbfo</code>	mathematical bold small o
U+1D429	p	p	p	p	p	p	<code>\mbfp</code>	mathematical bold small p
U+1D42A	q	q	q	q	q	q	<code>\mbfq</code>	mathematical bold small q
U+1D42B	r	r	r	r	r	r	<code>\mbfr</code>	mathematical bold small r
U+1D42C	s	s	s	s	s	s	<code>\mbfs</code>	mathematical bold small s
U+1D42D	t	t	t	t	t	t	<code>\mbft</code>	mathematical bold small t
U+1D42E	u	u	u	u	u	u	<code>\mbfu</code>	mathematical bold small u
U+1D42F	v	v	v	v	v	v	<code>\mbfv</code>	mathematical bold small v
U+1D430	w	w	w	w	w	w	<code>\mbfw</code>	mathematical bold small w
U+1D431	x	x	x	x	x	x	<code>\mbfx</code>	mathematical bold small x
U+1D432	y	y	y	y	y	y	<code>\mbfy</code>	mathematical bold small y
U+1D433	z	z	z	z	z	z	<code>\mbfz</code>	mathematical bold small z

13.2.3 Bold Greek, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D6A8	Α	Α	Α	Α	Α	Α	<code>\mbfAlpha</code>	mathematical bold capital alpha
U+1D6A9	Β	Β	Β	Β	Β	Β	<code>\mbfBeta</code>	mathematical bold capital beta
U+1D6AA	Γ	Γ	Γ	Γ	Γ	Γ	<code>\mbfGamma</code>	mathematical bold capital gamma
U+1D6AB	Δ	Δ	Δ	Δ	Δ	Δ	<code>\mbfDelta</code>	mathematical bold capital delta
U+1D6AC	Ε	Ε	Ε	Ε	Ε	Ε	<code>\mbfEpsilon</code>	mathematical bold capital epsilon
U+1D6AD	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	<code>\mbfZeta</code>	mathematical bold capital zeta
U+1D6AE	Η	Η	Η	Η	Η	Η	<code>\mbfEta</code>	mathematical bold capital eta

USV	L	X	S	P	D	F	Macro	Description
U+1D6AF	Θ	Θ	Θ	Θ	Θ	Θ	\mbfTheta	mathematical bold capital theta
U+1D6B0	Ι	Ι	Ι	Ι	Ι	Ι	\mbfIota	mathematical bold capital iota
U+1D6B1	Κ	Κ	Κ	Κ	Κ	Κ	\mbfKappa	mathematical bold capital kappa
U+1D6B2	Λ	Λ	Λ	Λ	Λ	Λ	\mbfLambda	mathematical bold capital lambda
U+1D6B3	Μ	Μ	Μ	Μ	Μ	Μ	\mbfMu	mathematical bold capital mu
U+1D6B4	Ν	Ν	Ν	Ν	Ν	Ν	\mbfNu	mathematical bold capital nu
U+1D6B5	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	\mbfXi	mathematical bold capital xi
U+1D6B6	Ο	Ο	Ο	Ο	Ο	Ο	\mbfOmicron	mathematical bold capital omicron
U+1D6B7	Π	Π	Π	Π	Π	Π	\mbfPi	mathematical bold capital pi
U+1D6B8	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	\mbfRho	mathematical bold capital rho
U+1D6B9	Θ	Θ	Θ	Θ	Θ	Θ	\mbfvarTheta	mathematical bold capital theta symbol
U+1D6BA	Σ	Σ	Σ	Σ	Σ	Σ	\mbfSigma	mathematical bold capital sigma
U+1D6BB	Τ	Τ	Τ	Τ	Τ	Τ	\mbfTau	mathematical bold capital tau
U+1D6BC	Υ	Υ	Υ	Υ	Υ	Υ	\mbfUpsilon	mathematical bold capital upsilon
U+1D6BD	Φ	Φ	Φ	Φ	Φ	Φ	\mbfPhi	mathematical bold capital phi
U+1D6BE	Χ	Χ	Χ	Χ	Χ	Χ	\mbfChi	mathematical bold capital chi
U+1D6BF	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	\mbfPsi	mathematical bold capital psi
U+1D6C0	Ω	Ω	Ω	Ω	Ω	Ω	\mbfOmega	mathematical bold capital omega

13.2.4 Bold Greek, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D6C2	α	α	α	α	α	α	\mbfalpha	mathematical bold small alpha
U+1D6C3	β	β	β	β	β	β	\mbfbeta	mathematical bold small beta
U+1D6C4	γ	γ	γ	γ	γ	γ	\mbfgamma	mathematical bold small gamma

USV	L	X	S	P	D	F	Macro	Description
U+1D6C5	δ	δ	δ	δ	δ	δ	\mbfdelta	mathematical bold small delta
U+1D6C6	ε	ε	ε	ε	ε	ε	\mbfvarepsilon	mathematical bold small varepsilon
U+1D6C7	ζ	ζ	ζ	ζ	ζ	ζ	\mbfzeta	mathematical bold small zeta
U+1D6C8	η	η	η	η	η	η	\mbfeta	mathematical bold small eta
U+1D6C9	θ	θ	θ	θ	θ	θ	\mbftheta	mathematical bold small theta
U+1D6CA	ι	ι	ι	ι	ι	ι	\mbfiota	mathematical bold small iota
U+1D6CB	κ	κ	κ	κ	κ	κ	\mbfkappa	mathematical bold small kappa
U+1D6CC	λ	λ	λ	λ	λ	λ	\mbflambda	mathematical bold small lambda
U+1D6CD	μ	μ	μ	μ	μ	μ	\mbfmu	mathematical bold small mu
U+1D6CE	ν	ν	ν	ν	ν	ν	\mbfnu	mathematical bold small nu
U+1D6CF	ξ	ξ	ξ	ξ	ξ	ξ	\mbfxi	mathematical bold small xi
U+1D6D0	ο	ο	ο	ο	ο	ο	\mbfomicron	mathematical bold small omicron
U+1D6D1	π	π	π	π	π	π	\mbfpi	mathematical bold small pi
U+1D6D2	ρ	ρ	ρ	ρ	ρ	ρ	\mbfrho	mathematical bold small rho
U+1D6D3	ς	ς	ς	ς	ς	ς	\mbfvarsigma	mathematical bold small final sigma
U+1D6D4	σ	σ	σ	σ	σ	σ	\mbfsigma	mathematical bold small sigma
U+1D6D5	τ	τ	τ	τ	τ	τ	\mbftau	mathematical bold small tau
U+1D6D6	υ	υ	υ	υ	υ	υ	\mbfupsilon	mathematical bold small upsilon
U+1D6D7	φ	φ	φ	φ	φ	φ	\mbfvarphi	mathematical bold small phi
U+1D6D8	χ	χ	χ	χ	χ	χ	\mbfchi	mathematical bold small chi
U+1D6D9	ψ	ψ	ψ	ψ	ψ	ψ	\mbfpsi	mathematical bold small psi
U+1D6DA	ω	ω	ω	ω	ω	ω	\mbfomega	mathematical bold small omega
U+1D6DB	∂	∂	∂	∂	∂	∂	\mbfpartial	mathematical bold partial differential
U+1D6DC	€	€	€	€	€	€	\mbfepsilon	mathematical bold varepsilon symbol

USV	L	X	S	P	D	F	Macro	Description
U+1D6DD	Θ	Θ	Θ	Θ	Θ	Θ	<code>\mbfvartheta</code>	mathematical bold theta symbol
U+1D6DE	κ	κ	κ	κ	κ	κ	<code>\mbfvarkappa</code>	mathematical bold kappa symbol
U+1D6DF	Φ	Φ	Φ	Φ	Φ	Φ	<code>\mbfphi</code>	mathematical bold phi symbol
U+1D6E0	ρ	ρ	ρ	ρ	ρ	ρ	<code>\mbfvarrho</code>	mathematical bold rho symbol
U+1D6E1	π	π	π	π	π	π	<code>\mbfvarpi</code>	mathematical bold pi symbol

13.2.5 Bold italic, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D468	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<code>\mbfitA</code>	mathematical bold italic capital a
U+1D469	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<code>\mbfitB</code>	mathematical bold italic capital b
U+1D46A	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<code>\mbfitC</code>	mathematical bold italic capital c
U+1D46B	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<code>\mbfitD</code>	mathematical bold italic capital d
U+1D46C	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<code>\mbfitE</code>	mathematical bold italic capital e
U+1D46D	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<code>\mbfitF</code>	mathematical bold italic capital f
U+1D46E	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<code>\mbfitG</code>	mathematical bold italic capital g
U+1D46F	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<code>\mbfitH</code>	mathematical bold italic capital h
U+1D470	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<code>\mbfitI</code>	mathematical bold italic capital i
U+1D471	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<code>\mbfitJ</code>	mathematical bold italic capital j
U+1D472	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<code>\mbfitK</code>	mathematical bold italic capital k
U+1D473	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<code>\mbfitL</code>	mathematical bold italic capital l
U+1D474	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<code>\mbfitM</code>	mathematical bold italic capital m
U+1D475	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<code>\mbfitN</code>	mathematical bold italic capital n
U+1D476	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<code>\mbfitO</code>	mathematical bold italic capital o
U+1D477	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<code>\mbfitP</code>	mathematical bold italic capital p

USV	L	X	S	P	D	F	Macro	Description
U+1D478	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<code>\mbfitQ</code>	mathematical bold italic capital q
U+1D479	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<code>\mbfitR</code>	mathematical bold italic capital r
U+1D47A	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<code>\mbfitS</code>	mathematical bold italic capital s
U+1D47B	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<code>\mbfitT</code>	mathematical bold italic capital t
U+1D47C	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<code>\mbfitU</code>	mathematical bold italic capital u
U+1D47D	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<code>\mbfitV</code>	mathematical bold italic capital v
U+1D47E	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<code>\mbfitW</code>	mathematical bold italic capital w
U+1D47F	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<code>\mbfitX</code>	mathematical bold italic capital x
U+1D480	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mbfitY</code>	mathematical bold italic capital y
U+1D481	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<code>\mbfitZ</code>	mathematical bold italic capital z

13.2.6 Bold italic, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D482	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<code>\mbfita</code>	mathematical bold italic small a
U+1D483	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<code>\mbfitb</code>	mathematical bold italic small b
U+1D484	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<code>\mbfitc</code>	mathematical bold italic small c
U+1D485	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<code>\mbfitd</code>	mathematical bold italic small d
U+1D486	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<code>\mbfite</code>	mathematical bold italic small e
U+1D487	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<code>\mbfitf</code>	mathematical bold italic small f
U+1D488	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<code>\mbfitg</code>	mathematical bold italic small g
U+1D489	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<code>\mbfith</code>	mathematical bold italic small h
U+1D48A	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<code>\mbfiti</code>	mathematical bold italic small i
U+1D48B	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<code>\mbfitj</code>	mathematical bold italic small j
U+1D48C	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<code>\mbfitk</code>	mathematical bold italic small k

USV	L	X	S	P	D	F	Macro	Description
U+1D48D	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>	<code>\mbfitl</code>	mathematical bold italic small l
U+1D48E	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>	<code>\mbfitm</code>	mathematical bold italic small m
U+1D48F	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<code>\mbfitn</code>	mathematical bold italic small n
U+1D490	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>	<code>\mbfito</code>	mathematical bold italic small o
U+1D491	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>	<code>\mbfitp</code>	mathematical bold italic small p
U+1D492	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>	<code>\mbfitq</code>	mathematical bold italic small q
U+1D493	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>	<code>\mbfitr</code>	mathematical bold italic small r
U+1D494	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<code>\mbfits</code>	mathematical bold italic small s
U+1D495	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>	<code>\mbfitt</code>	mathematical bold italic small t
U+1D496	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>	<code>\mbfitu</code>	mathematical bold italic small u
U+1D497	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<code>\mbfitv</code>	mathematical bold italic small v
U+1D498	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>	<code>\mbfitw</code>	mathematical bold italic small w
U+1D499	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<code>\mbfitx</code>	mathematical bold italic small x
U+1D49A	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>	<code>\mbfity</code>	mathematical bold italic small y
U+1D49B	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>	<code>\mbfitz</code>	mathematical bold italic small z

13.2.7 Bold italic Greek, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D71C	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<i>Α</i>	<code>\mbfitAlpha</code>	mathematical bold italic capital alpha
U+1D71D	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<i>Β</i>	<code>\mbfitBeta</code>	mathematical bold italic capital beta
U+1D71E	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<i>Γ</i>	<code>\mbfitGamma</code>	mathematical bold italic capital gamma
U+1D71F	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<i>Δ</i>	<code>\mbfitDelta</code>	mathematical bold italic capital delta
U+1D720	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<i>Ε</i>	<code>\mbfitEpsilon</code>	mathematical bold italic capital epsilon
U+1D721	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<i>Ζ</i>	<code>\mbfitZeta</code>	mathematical bold italic capital zeta

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

13.2.8 Bold italic Greek, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D736	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<code>\mbfitalpha</code>	mathematical bold italic small alpha
U+1D737	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<code>\mbfitbeta</code>	mathematical bold italic small beta

USV	L	X	S	P	D	F	Macro	Description
U+1D738	γ	γ	γ	γ	γ	γ	<code>\mbfitgamma</code>	mathematical bold italic small gamma
U+1D739	δ	δ	δ	δ	δ	δ	<code>\mbfitdelta</code>	mathematical bold italic small delta
U+1D73A	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	<code>\mbfitvarepsilon</code>	mathematical bold italic small varepsilon
U+1D73B	ζ	ζ	ζ	ζ	ζ	ζ	<code>\mbfitzeta</code>	mathematical bold italic small zeta
U+1D73C	η	η	η	η	η	η	<code>\mbfiteta</code>	mathematical bold italic small eta
U+1D73D	θ	θ	θ	θ	θ	θ	<code>\mbfittheta</code>	mathematical bold italic small theta
U+1D73E	ι	ι	ι	ι	ι	ι	<code>\mbfitiota</code>	mathematical bold italic small iota
U+1D73F	κ	κ	κ	κ	κ	κ	<code>\mbfitkappa</code>	mathematical bold italic small kappa
U+1D740	λ	λ	λ	λ	λ	λ	<code>\mbfitlambda</code>	mathematical bold italic small lambda
U+1D741	μ	μ	μ	μ	μ	μ	<code>\mbfitmu</code>	mathematical bold italic small mu
U+1D742	ν	ν	ν	ν	ν	ν	<code>\mbfitnu</code>	mathematical bold italic small nu
U+1D743	ξ	ξ	ξ	ξ	ξ	ξ	<code>\mbfitxi</code>	mathematical bold italic small xi
U+1D744	\omicron	\omicron	\omicron	\omicron	\omicron	\omicron	<code>\mbfitomicron</code>	mathematical bold italic small omicron
U+1D745	π	π	π	π	π	π	<code>\mbfitpi</code>	mathematical bold italic small pi
U+1D746	ρ	ρ	ρ	ρ	ρ	ρ	<code>\mbfitrho</code>	mathematical bold italic small rho
U+1D747	ς	ς	ς	ς	ς	ς	<code>\mbfitvarsigma</code>	mathematical bold italic small final sigma
U+1D748	σ	σ	σ	σ	σ	σ	<code>\mbfitsigma</code>	mathematical bold italic small sigma
U+1D749	τ	τ	τ	τ	τ	τ	<code>\mbfittau</code>	mathematical bold italic small tau
U+1D74A	υ	υ	υ	υ	υ	υ	<code>\mbfitupsilon</code>	mathematical bold italic small upsilon
U+1D74B	φ	φ	φ	φ	φ	φ	<code>\mbfitvarphi</code>	mathematical bold italic small phi
U+1D74C	χ	χ	χ	χ	χ	χ	<code>\mbfitchi</code>	mathematical bold italic small chi
U+1D74D	ψ	ψ	ψ	ψ	ψ	ψ	<code>\mbfitpsi</code>	mathematical bold italic small psi
U+1D74E	ω	ω	ω	ω	ω	ω	<code>\mbfitomega</code>	mathematical bold italic small omega
U+1D74F	∂	∂	∂	∂	∂	∂	<code>\mbfitpartial</code>	mathematical bold italic partial differential

USV	L	X	S	P	D	F	Macro	Description
U+1D750	€	€	€	€	€	€	\mbfitepsilon	mathematical bold italic varepsilon symbol
U+1D751	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	\mbfitvartheta	mathematical bold italic theta symbol
U+1D752	κ	κ	κ	κ	κ	κ	\mbfitvarkappa	mathematical bold italic kappa symbol
U+1D753	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	\mbfitphi	mathematical bold italic phi symbol
U+1D754	ρ	ρ	ρ	ρ	ρ	ρ	\mbfitvarrho	mathematical bold italic rho symbol
U+1D755	ω	ω	ω	ω	ω	ω	\mbfitvarpi	mathematical bold italic pi symbol

13.2.9 Bold script, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D4D0	A	A	A	A	A		\mbfscrA	mathematical bold script capital a
U+1D4D1	B	B	B	B	B		\mbfscrB	mathematical bold script capital b
U+1D4D2	C	C	C	C	C		\mbfscrC	mathematical bold script capital c
U+1D4D3	D	D	D	D	D		\mbfscrD	mathematical bold script capital d
U+1D4D4	E	E	E	E	E		\mbfscrE	mathematical bold script capital e
U+1D4D5	F	F	F	F	F		\mbfscrF	mathematical bold script capital f
U+1D4D6	G	G	G	G	G		\mbfscrG	mathematical bold script capital g
U+1D4D7	H	H	H	H	H		\mbfscrH	mathematical bold script capital h
U+1D4D8	I	I	I	I	I		\mbfscrI	mathematical bold script capital i
U+1D4D9	J	J	J	J	J		\mbfscrJ	mathematical bold script capital j
U+1D4DA	K	K	K	K	K		\mbfscrK	mathematical bold script capital k
U+1D4DB	L	L	L	L	L		\mbfscrL	mathematical bold script capital l
U+1D4DC	M	M	M	M	M		\mbfscrM	mathematical bold script capital m
U+1D4DD	N	N	N	N	N		\mbfscrN	mathematical bold script capital n
U+1D4DE	O	O	O	O	O		\mbfscrO	mathematical bold script capital o

USV	L	X	S	P	D	F	Macro	Description
U+1D4DF	<i>P</i>	<i>ℙ</i>	<i>𝔓</i>	<i>℘</i>	<i>ℙ</i>		\mbfscrP	mathematical bold script capital p
U+1D4E0	<i>Q</i>	<i>ℚ</i>	<i>𝔔</i>	<i>℞</i>	<i>ℚ</i>		\mbfscrQ	mathematical bold script capital q
U+1D4E1	<i>R</i>	<i>ℛ</i>	<i>𝔖</i>	<i>℞</i>	<i>ℛ</i>		\mbfscrR	mathematical bold script capital r
U+1D4E2	<i>S</i>	<i>ℜ</i>	<i>𝔗</i>	<i>ℝ</i>	<i>ℜ</i>		\mbfscrS	mathematical bold script capital s
U+1D4E3	<i>T</i>	<i>℟</i>	<i>𝔘</i>	<i>℣</i>	<i>℟</i>		\mbfscrT	mathematical bold script capital t
U+1D4E4	<i>U</i>	<i>℠</i>	<i>𝔙</i>	<i>ℤ</i>	<i>℠</i>		\mbfscrU	mathematical bold script capital u
U+1D4E5	<i>V</i>	<i>℡</i>	<i>𝔚</i>	<i>ℼ</i>	<i>℡</i>		\mbfscrV	mathematical bold script capital v
U+1D4E6	<i>W</i>	<i>™</i>	<i>𝔛</i>	<i>ℽ</i>	<i>™</i>		\mbfscrW	mathematical bold script capital w
U+1D4E7	<i>X</i>	<i>℣</i>	<i>𝔜</i>	<i>ℿ</i>	<i>℣</i>		\mbfscrX	mathematical bold script capital x
U+1D4E8	<i>Y</i>	<i>ℤ</i>	<i>𝔚</i>	<i>ℿ</i>	<i>ℤ</i>		\mbfscrY	mathematical bold script capital y
U+1D4E9	<i>Z</i>	<i>℞</i>	<i>𝔛</i>	<i>ℿ</i>	<i>℞</i>		\mbfscrZ	mathematical bold script capital z

13.2.10 Bold script, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D4EA		<i>a</i>	<i>ℳ</i>	<i>a</i>	<i>𝔞</i>		\mbfscra	mathematical bold script small a
U+1D4EB		<i>b</i>	<i>ℴ</i>	<i>b</i>	<i>𝔟</i>		\mbfscrb	mathematical bold script small b
U+1D4EC		<i>c</i>	<i>ℵ</i>	<i>c</i>	<i>𝔠</i>		\mbfscrc	mathematical bold script small c
U+1D4ED		<i>d</i>	<i>ℶ</i>	<i>d</i>	<i>𝔡</i>		\mbfscrd	mathematical bold script small d
U+1D4EE		<i>e</i>	<i>ℷ</i>	<i>e</i>	<i>𝔢</i>		\mbfscre	mathematical bold script small e
U+1D4EF		<i>f</i>	<i>ℸ</i>	<i>f</i>	<i>𝔣</i>		\mbfscrfe	mathematical bold script small f
U+1D4F0		<i>g</i>	<i>ℹ</i>	<i>g</i>	<i>𝔤</i>		\mbfscrg	mathematical bold script small g
U+1D4F1		<i>h</i>	<i>℺</i>	<i>h</i>	<i>𝔥</i>		\mbfscrh	mathematical bold script small h
U+1D4F2		<i>i</i>	<i>℻</i>	<i>i</i>	<i>𝔞</i>		\mbfscri	mathematical bold script small i
U+1D4F3		<i>j</i>	<i>ℼ</i>	<i>j</i>	<i>𝔣</i>		\mbfscrj	mathematical bold script small j

USV	L	X	S	P	D	F	Macro	Description
U+1D4F4		<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>		<code>\mbfscrk</code>	mathematical bold script small k
U+1D4F5		<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>		<code>\mbfscr l</code>	mathematical bold script small l
U+1D4F6		<i>m</i>	<i>m</i>	<i>m</i>	<i>m</i>		<code>\mbfscrm</code>	mathematical bold script small m
U+1D4F7		<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>		<code>\mbfscrn</code>	mathematical bold script small n
U+1D4F8		<i>o</i>	<i>o</i>	<i>o</i>	<i>o</i>		<code>\mbfscro</code>	mathematical bold script small o
U+1D4F9		<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<code>\mbfscrp</code>	mathematical bold script small p
U+1D4FA		<i>q</i>	<i>q</i>	<i>q</i>	<i>q</i>		<code>\mbfscrq</code>	mathematical bold script small q
U+1D4FB		<i>r</i>	<i>r</i>	<i>r</i>	<i>r</i>		<code>\mbfscrr</code>	mathematical bold script small r
U+1D4FC		<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>		<code>\mbfscrs</code>	mathematical bold script small s
U+1D4FD		<i>t</i>	<i>t</i>	<i>t</i>	<i>t</i>		<code>\mbfscrt</code>	mathematical bold script small t
U+1D4FE		<i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>		<code>\mbfscru</code>	mathematical bold script small u
U+1D4FF		<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>		<code>\mbfscr v</code>	mathematical bold script small v
U+1D500		<i>w</i>	<i>w</i>	<i>w</i>	<i>w</i>		<code>\mbfscrw</code>	mathematical bold script small w
U+1D501		<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		<code>\mbfscr x</code>	mathematical bold script small x
U+1D502		<i>y</i>	<i>y</i>	<i>y</i>	<i>y</i>		<code>\mbfscry</code>	mathematical bold script small y
U+1D503		<i>z</i>	<i>z</i>	<i>z</i>	<i>z</i>		<code>\mbfscrz</code>	mathematical bold script small z

13.2.11 Bold fraktur, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D56C	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>		<code>\mbffrakA</code>	mathematical bold fraktur capital a
U+1D56D	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>		<code>\mbffrakB</code>	mathematical bold fraktur capital b
U+1D56E	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>		<code>\mbffrakC</code>	mathematical bold fraktur capital c
U+1D56F	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<code>\mbffrakD</code>	mathematical bold fraktur capital d
U+1D570	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>		<code>\mbffrakE</code>	mathematical bold fraktur capital e

USV	L	X	S	P	D	F	Macro	Description
U+1D571							\mbffrakF	mathematical bold fraktur capital f
U+1D572							\mbffrakG	mathematical bold fraktur capital g
U+1D573							\mbffrakH	mathematical bold fraktur capital h
U+1D574							\mbffrakI	mathematical bold fraktur capital i
U+1D575							\mbffrakJ	mathematical bold fraktur capital j
U+1D576							\mbffrakK	mathematical bold fraktur capital k
U+1D577							\mbffrakL	mathematical bold fraktur capital l
U+1D578							\mbffrakM	mathematical bold fraktur capital m
U+1D579							\mbffrakN	mathematical bold fraktur capital n
U+1D57A							\mbffrakO	mathematical bold fraktur capital o
U+1D57B							\mbffrakP	mathematical bold fraktur capital p
U+1D57C							\mbffrakQ	mathematical bold fraktur capital q
U+1D57D							\mbffrakR	mathematical bold fraktur capital r
U+1D57E							\mbffrakS	mathematical bold fraktur capital s
U+1D57F							\mbffrakT	mathematical bold fraktur capital t
U+1D580							\mbffrakU	mathematical bold fraktur capital u
U+1D581							\mbffrakV	mathematical bold fraktur capital v
U+1D582							\mbffrakW	mathematical bold fraktur capital w
U+1D583							\mbffrakX	mathematical bold fraktur capital x
U+1D584							\mbffrakY	mathematical bold fraktur capital y
U+1D585							\mbffrakZ	mathematical bold fraktur capital z

13.2.12 Bold fraktur, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D586	ɑ	ɑ	ɑ	ɑ	ɑ		<code>\mbffraka</code>	mathematical bold fraktur small a
U+1D587	ʙ	ʙ	ʙ	ʙ	ʙ		<code>\mbffrakb</code>	mathematical bold fraktur small b
U+1D588	ƒ	ƒ	ƒ	ƒ	ƒ		<code>\mbffrakc</code>	mathematical bold fraktur small c
U+1D589	ɖ	ɖ	ɖ	ɖ	ɖ		<code>\mbffrakd</code>	mathematical bold fraktur small d
U+1D58A	ɛ	ɛ	ɛ	ɛ	ɛ		<code>\mbffrake</code>	mathematical bold fraktur small e
U+1D58B	ƒ	ƒ	ƒ	ƒ	ƒ		<code>\mbffrakf</code>	mathematical bold fraktur small f
U+1D58C	g	g	g	g	g		<code>\mbffrakg</code>	mathematical bold fraktur small g
U+1D58D	h	h	h	h	h		<code>\mbffrakh</code>	mathematical bold fraktur small h
U+1D58E	i	i	i	i	i		<code>\mbffraki</code>	mathematical bold fraktur small i
U+1D58F	j	j	j	j	j		<code>\mbffrakj</code>	mathematical bold fraktur small j
U+1D590	ƒ	ƒ	ƒ	ƒ	ƒ		<code>\mbffrakk</code>	mathematical bold fraktur small k
U+1D591	l	l	l	l	l		<code>\mbffrakl</code>	mathematical bold fraktur small l
U+1D592	m	m	m	m	m		<code>\mbffrakm</code>	mathematical bold fraktur small m
U+1D593	n	n	n	n	n		<code>\mbffrakn</code>	mathematical bold fraktur small n
U+1D594	o	o	o	o	o		<code>\mbffrako</code>	mathematical bold fraktur small o
U+1D595	p	p	p	p	p		<code>\mbffrakp</code>	mathematical bold fraktur small p
U+1D596	q	q	q	q	q		<code>\mbffrakq</code>	mathematical bold fraktur small q
U+1D597	r	r	r	r	r		<code>\mbffrakr</code>	mathematical bold fraktur small r
U+1D598	s	s	s	s	s		<code>\mbffraks</code>	mathematical bold fraktur small s
U+1D599	t	t	t	t	t		<code>\mbffrakt</code>	mathematical bold fraktur small t
U+1D59A	u	u	u	u	u		<code>\mbffraku</code>	mathematical bold fraktur small u
U+1D59B	v	v	v	v	v		<code>\mbffrakv</code>	mathematical bold fraktur small v
U+1D59C	w	w	w	w	w		<code>\mbffrakw</code>	mathematical bold fraktur small w
U+1D59D	x	x	x	x	x		<code>\mbffrakx</code>	mathematical bold fraktur small x

USV	L	X	S	P	D	F	Macro	Description
U+1D59E	ŷ	ẏ	ȳ	Ẓ	Ẕ		<code>\mbffraky</code>	mathematical bold fraktur small y
U+1D59F	Ẓ	Ẕ	ȳ	Ẓ	Ẕ		<code>\mbffrakz</code>	mathematical bold fraktur small z

13.2.13 Bold sans serif, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D5D4	A	Ȧ	Ȧ	A	A		<code>\mbfsansA</code>	mathematical sans-serif bold capital a
U+1D5D5	B	B̈	B̈	B	B		<code>\mbfsansB</code>	mathematical sans-serif bold capital b
U+1D5D6	C	C̈	C̈	C	C		<code>\mbfsansC</code>	mathematical sans-serif bold capital c
U+1D5D7	D	D̈	D̈	D	D		<code>\mbfsansD</code>	mathematical sans-serif bold capital d
U+1D5D8	E	Ë	Ë	E	E		<code>\mbfsansE</code>	mathematical sans-serif bold capital e
U+1D5D9	F	F̈	F̈	F	F		<code>\mbfsansF</code>	mathematical sans-serif bold capital f
U+1D5DA	G	G̈	G̈	G	G		<code>\mbfsansG</code>	mathematical sans-serif bold capital g
U+1D5DB	H	Ḧ	Ḧ	H	H		<code>\mbfsansH</code>	mathematical sans-serif bold capital h
U+1D5DC	I	Ï	Ï	I	I		<code>\mbfsansI</code>	mathematical sans-serif bold capital i
U+1D5DD	J	J̈	J̈	J	J		<code>\mbfsansJ</code>	mathematical sans-serif bold capital j
U+1D5DE	K	K̈	K̈	K	K		<code>\mbfsansK</code>	mathematical sans-serif bold capital k
U+1D5DF	L	L̈	L̈	L	L		<code>\mbfsansL</code>	mathematical sans-serif bold capital l
U+1D5E0	M	M̈	M̈	M	M		<code>\mbfsansM</code>	mathematical sans-serif bold capital m
U+1D5E1	N	N̈	N̈	N	N		<code>\mbfsansN</code>	mathematical sans-serif bold capital n
U+1D5E2	O	Ö	Ö	O	O		<code>\mbfsansO</code>	mathematical sans-serif bold capital o
U+1D5E3	P	P̈	P̈	P	P		<code>\mbfsansP</code>	mathematical sans-serif bold capital p
U+1D5E4	Q	Q̈	Q̈	Q	Q		<code>\mbfsansQ</code>	mathematical sans-serif bold capital q
U+1D5E5	R	R̈	R̈	R	R		<code>\mbfsansR</code>	mathematical sans-serif bold capital r
U+1D5E6	S	S̈	S̈	S	S		<code>\mbfsansS</code>	mathematical sans-serif bold capital s

USV	L	X	S	P	D	F	Macro	Description
U+1D5E7	T	T	T	T	T		<code>\mbfsansT</code>	mathematical sans-serif bold capital t
U+1D5E8	U	U	U	U	U		<code>\mbfsansU</code>	mathematical sans-serif bold capital u
U+1D5E9	V	V	V	V	V		<code>\mbfsansV</code>	mathematical sans-serif bold capital v
U+1D5EA	W	W	W	W	W		<code>\mbfsansW</code>	mathematical sans-serif bold capital w
U+1D5EB	X	X	X	X	X		<code>\mbfsansX</code>	mathematical sans-serif bold capital x
U+1D5EC	Y	Y	Y	Y	Y		<code>\mbfsansY</code>	mathematical sans-serif bold capital y
U+1D5ED	Z	Z	Z	Z	Z		<code>\mbfsansZ</code>	mathematical sans-serif bold capital z

13.2.14 Bold sans serif, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D5EE	a	a	a	a	a		<code>\mbfsansa</code>	mathematical sans-serif bold small a
U+1D5EF	b	b	b	b	b		<code>\mbfsansb</code>	mathematical sans-serif bold small b
U+1D5F0	c	c	c	c	c		<code>\mbfsansc</code>	mathematical sans-serif bold small c
U+1D5F1	d	d	d	d	d		<code>\mbfsansd</code>	mathematical sans-serif bold small d
U+1D5F2	e	e	e	e	e		<code>\mbfsanse</code>	mathematical sans-serif bold small e
U+1D5F3	f	f	f	f	f		<code>\mbfsansf</code>	mathematical sans-serif bold small f
U+1D5F4	g	g	g	g	g		<code>\mbfsansg</code>	mathematical sans-serif bold small g
U+1D5F5	h	h	h	h	h		<code>\mbfsansh</code>	mathematical sans-serif bold small h
U+1D5F6	i	i	i	i	i		<code>\mbfsansi</code>	mathematical sans-serif bold small i
U+1D5F7	j	j	j	j	j		<code>\mbfsansj</code>	mathematical sans-serif bold small j
U+1D5F8	k	k	k	k	k		<code>\mbfsansk</code>	mathematical sans-serif bold small k
U+1D5F9	l	l	l	l	l		<code>\mbfsansl</code>	mathematical sans-serif bold small l
U+1D5FA	m	m	m	m	m		<code>\mbfsansm</code>	mathematical sans-serif bold small m
U+1D5FB	n	n	n	n	n		<code>\mbfsansn</code>	mathematical sans-serif bold small n

USV	L	X	S	P	D	F	Macro	Description
U+1D5FC	o	o	o	o	o		<code>\mbfsanso</code>	mathematical sans-serif bold small o
U+1D5FD	p	p	p	p	p		<code>\mbfsansp</code>	mathematical sans-serif bold small p
U+1D5FE	q	q	q	q	q		<code>\mbfsansq</code>	mathematical sans-serif bold small q
U+1D5FF	r	r	r	r	r		<code>\mbfsansr</code>	mathematical sans-serif bold small r
U+1D600	s	s	s	s	s		<code>\mbfsanss</code>	mathematical sans-serif bold small s
U+1D601	t	t	t	t	t		<code>\mbfsanst</code>	mathematical sans-serif bold small t
U+1D602	u	u	u	u	u		<code>\mbfsansu</code>	mathematical sans-serif bold small u
U+1D603	v	v	v	v	v		<code>\mbfsansv</code>	mathematical sans-serif bold small v
U+1D604	w	w	w	w	w		<code>\mbfsansw</code>	mathematical sans-serif bold small w
U+1D605	x	x	x	x	x		<code>\mbfsansx</code>	mathematical sans-serif bold small x
U+1D606	y	y	y	y	y		<code>\mbfsansy</code>	mathematical sans-serif bold small y
U+1D607	z	z	z	z	z		<code>\mbfsansz</code>	mathematical sans-serif bold small z

13.2.15 Bold italic sans serif, Latin, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D63C	A	A	A	A	A		<code>\mbfitsansA</code>	mathematical sans-serif bold italic capital a
U+1D63D	B	B	B	B	B		<code>\mbfitsansB</code>	mathematical sans-serif bold italic capital b
U+1D63E	C	C	C	C	C		<code>\mbfitsansC</code>	mathematical sans-serif bold italic capital c
U+1D63F	D	D	D	D	D		<code>\mbfitsansD</code>	mathematical sans-serif bold italic capital d
U+1D640	E	E	E	E	E		<code>\mbfitsansE</code>	mathematical sans-serif bold italic capital e
U+1D641	F	F	F	F	F		<code>\mbfitsansF</code>	mathematical sans-serif bold italic capital f
U+1D642	G	G	G	G	G		<code>\mbfitsansG</code>	mathematical sans-serif bold italic capital g
U+1D643	H	H	H	H	H		<code>\mbfitsansH</code>	mathematical sans-serif bold italic capital h
U+1D644	I	I	I	I	I		<code>\mbfitsansI</code>	mathematical sans-serif bold italic capital i

USV	L	X	S	P	D	F	Macro	Description
U+1D645	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>		\mbfitsansJ	mathematical sans-serif bold italic capital j
U+1D646	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		\mbfitsansK	mathematical sans-serif bold italic capital k
U+1D647	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>		\mbfitsansL	mathematical sans-serif bold italic capital l
U+1D648	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		\mbfitsansM	mathematical sans-serif bold italic capital m
U+1D649	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		\mbfitsansN	mathematical sans-serif bold italic capital n
U+1D64A	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		\mbfitsansO	mathematical sans-serif bold italic capital o
U+1D64B	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		\mbfitsansP	mathematical sans-serif bold italic capital p
U+1D64C	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		\mbfitsansQ	mathematical sans-serif bold italic capital q
U+1D64D	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		\mbfitsansR	mathematical sans-serif bold italic capital r
U+1D64E	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		\mbfitsansS	mathematical sans-serif bold italic capital s
U+1D64F	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		\mbfitsansT	mathematical sans-serif bold italic capital t
U+1D650	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		\mbfitsansU	mathematical sans-serif bold italic capital u
U+1D651	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		\mbfitsansV	mathematical sans-serif bold italic capital v
U+1D652	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		\mbfitsansW	mathematical sans-serif bold italic capital w
U+1D653	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		\mbfitsansX	mathematical sans-serif bold italic capital x
U+1D654	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		\mbfitsansY	mathematical sans-serif bold italic capital y
U+1D655	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		\mbfitsansZ	mathematical sans-serif bold italic capital z

13.2.16 Bold italic sans serif, Latin, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D656	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>		\mbfitsansa	mathematical sans-serif bold italic small a
U+1D657	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>		\mbfitsansb	mathematical sans-serif bold italic small b
U+1D658	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>		\mbfitsansc	mathematical sans-serif bold italic small c
U+1D659	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>		\mbfitsansd	mathematical sans-serif bold italic small d

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

13.2.17 Bold sans serif Greek, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D756	Α	Α	Α	Α	Α		\mbfsansAlpha	mathematical sans-serif bold capital alpha
U+1D757	Β	Β	Β	Β	Β		\mbfsansBeta	mathematical sans-serif bold capital beta
U+1D758	Γ	Γ	Γ	Γ	Γ		\mbfsansGamma	mathematical sans-serif bold capital gamma
U+1D759	Δ	Δ	Δ	Δ	Δ		\mbfsansDelta	mathematical sans-serif bold capital delta
U+1D75A	Ε	Ε	Ε	Ε	Ε		\mbfsansEpsilon	mathematical sans-serif bold capital epsilon
U+1D75B	Ζ	Ζ	Ζ	Ζ	Ζ		\mbfsansZeta	mathematical sans-serif bold capital zeta
U+1D75C	Η	Η	Η	Η	Η		\mbfsansEta	mathematical sans-serif bold capital eta
U+1D75D	Θ	Θ	Θ	Θ	Θ		\mbfsansTheta	mathematical sans-serif bold capital theta
U+1D75E	Ι	Ι	Ι	Ι	Ι		\mbfsansIota	mathematical sans-serif bold capital iota
U+1D75F	Κ	Κ	Κ	Κ	Κ		\mbfsansKappa	mathematical sans-serif bold capital kappa
U+1D760	Λ	Λ	Λ	Λ	Λ		\mbfsansLambda	mathematical sans-serif bold capital lambda
U+1D761	Μ	Μ	Μ	Μ	Μ		\mbfsansMu	mathematical sans-serif bold capital mu
U+1D762	Ν	Ν	Ν	Ν	Ν		\mbfsansNu	mathematical sans-serif bold capital nu
U+1D763	Ξ	Ξ	Ξ	Ξ	Ξ		\mbfsansXi	mathematical sans-serif bold capital xi
U+1D764	Ο	Ο	Ο	Ο	Ο		\mbfsansOmicron	mathematical sans-serif bold capital omicron
U+1D765	Π	Π	Π	Π	Π		\mbfsansPi	mathematical sans-serif bold capital pi
U+1D766	Ρ	Ρ	Ρ	Ρ	Ρ		\mbfsansRho	mathematical sans-serif bold capital rho
U+1D767	Θ	Θ	Θ	Θ	Θ		\mbfsansvarTheta	mathematical sans-serif bold capital theta symbol
U+1D768	Σ	Σ	Σ	Σ	Σ		\mbfsansSigma	mathematical sans-serif bold capital sigma
U+1D769	Τ	Τ	Τ	Τ	Τ		\mbfsansTau	mathematical sans-serif bold capital tau
U+1D76A	Υ	Υ	Υ	Υ	Υ		\mbfsansUpsilon	mathematical sans-serif bold capital upsilon
U+1D76B	Φ	Φ	Φ	Φ	Φ		\mbfsansPhi	mathematical sans-serif bold capital phi
U+1D76C	Χ	Χ	Χ	Χ	Χ		\mbfsansChi	mathematical sans-serif bold capital chi
U+1D76D	Ψ	Ψ	Ψ	Ψ	Ψ		\mbfsansPsi	mathematical sans-serif bold capital psi

USV	L	X	S	P	D	F	Macro	Description
U+1D76E	Ω	Ω	Ω	Ω	Ω		\mbfsansOmega	mathematical sans-serif bold capital omega

13.2.18 Bold sans serif Greek, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D770	α	α	α	α	α		\mbfsansalpha	mathematical sans-serif bold small alpha
U+1D771	β	β	β	β	β		\mbfsansbeta	mathematical sans-serif bold small beta
U+1D772	γ	γ	γ	γ	γ		\mbfsansgamma	mathematical sans-serif bold small gamma
U+1D773	δ	δ	δ	δ	δ		\mbfsansdelta	mathematical sans-serif bold small delta
U+1D774	ε	ε	ε	ε	ε		\mbfsansvarepsilon	mathematical sans-serif bold small varepsilon
U+1D775	ζ	ζ	ζ	ζ	ζ		\mbfsanszeta	mathematical sans-serif bold small zeta
U+1D776	η	η	η	η	η		\mbfsanseta	mathematical sans-serif bold small eta
U+1D777	θ	θ	θ	θ	θ		\mbfsanstheta	mathematical sans-serif bold small theta
U+1D778	ι	ι	ι	ι	ι		\mbfsansiota	mathematical sans-serif bold small iota
U+1D779	κ	κ	κ	κ	κ		\mbfsanskappa	mathematical sans-serif bold small kappa
U+1D77A	λ	λ	λ	λ	λ		\mbfsanslambda	mathematical sans-serif bold small lambda
U+1D77B	μ	μ	μ	μ	μ		\mbfsansmu	mathematical sans-serif bold small mu
U+1D77C	ν	ν	ν	ν	ν		\mbfsansnu	mathematical sans-serif bold small nu
U+1D77D	ξ	ξ	ξ	ξ	ξ		\mbfsansxi	mathematical sans-serif bold small xi
U+1D77E	ο	ο	ο	ο	ο		\mbfsansomicron	mathematical sans-serif bold small omicron
U+1D77F	π	π	π	π	π		\mbfsanspi	mathematical sans-serif bold small pi
U+1D780	ρ	ρ	ρ	ρ	ρ		\mbfsansrho	mathematical sans-serif bold small rho
U+1D781	ς	ς	ς	ς	ς		\mbfsansvarsigma	mathematical sans-serif bold small final sigma
U+1D782	σ	σ	σ	σ	σ		\mbfsanssigma	mathematical sans-serif bold small sigma
U+1D783	τ	τ	τ	τ	τ		\mbfsanstau	mathematical sans-serif bold small tau

USV	L	X	S	P	D	F	Macro	Description
U+1D784	υ	υ	υ	υ	υ		\mbfsansupsilon	mathematical sans-serif bold small upsilon
U+1D785	φ	φ	φ	φ	φ		\mbfsansvarphi	mathematical sans-serif bold small phi
U+1D786	χ	χ	χ	χ	χ		\mbfsanschi	mathematical sans-serif bold small chi
U+1D787	ψ	ψ	ψ	ψ	ψ		\mbfsanspsi	mathematical sans-serif bold small psi
U+1D788	ω	ω	ω	ω	ω		\mbfsansomega	mathematical sans-serif bold small omega
U+1D789	∂	∂	∂	∂	∂		\mbfsanspartial	mathematical sans-serif bold partial differential
U+1D78A	ε	ε	ε	ε	ε		\mbfsansepsilon	mathematical sans-serif bold varepsilon symbol
U+1D78B	θ	θ	θ	θ	θ		\mbfsansvartheta	mathematical sans-serif bold theta symbol
U+1D78C	κ	κ	κ	κ	κ		\mbfsansvarkappa	mathematical sans-serif bold kappa symbol
U+1D78D	φ	φ	φ	φ	φ		\mbfsansphi	mathematical sans-serif bold phi symbol
U+1D78E	ρ	ρ	ρ	ρ	ρ		\mbfsansvarrho	mathematical sans-serif bold rho symbol
U+1D78F	π	π	π	π	π		\mbfsansvarpi	mathematical sans-serif bold pi symbol

13.2.19 Bold italic sans serif Greek, uppercase

USV	L	X	S	P	D	F	Macro	Description
U+1D790	Α	Α	Α	Α	Α		\mbfitsansAlpha	mathematical sans-serif bold italic capital alpha
U+1D791	Β	Β	Β	Β	Β		\mbfitsansBeta	mathematical sans-serif bold italic capital beta
U+1D792	Γ	Γ	Γ	Γ	Γ		\mbfitsansGamma	mathematical sans-serif bold italic capital gamma
U+1D793	Δ	Δ	Δ	Δ	Δ		\mbfitsansDelta	mathematical sans-serif bold italic capital delta
U+1D794	Ε	Ε	Ε	Ε	Ε		\mbfitsansEpsilon	mathematical sans-serif bold italic capital epsilon
U+1D795	Ζ	Ζ	Ζ	Ζ	Ζ		\mbfitsansZeta	mathematical sans-serif bold italic capital zeta
U+1D796	Η	Η	Η	Η	Η		\mbfitsansEta	mathematical sans-serif bold italic capital eta
U+1D797	Θ	Θ	Θ	Θ	Θ		\mbfitsansTheta	mathematical sans-serif bold italic capital theta
U+1D798	Ι	Ι	Ι	Ι	Ι		\mbfitsansIota	mathematical sans-serif bold italic capital iota

USV	L	X	S	P	D	F	Macro	Description
U+1D799	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		\mbfitsansKappa	mathematical sans-serif bold italic capital kappa
U+1D79A	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>		\mbfitsansLambda	mathematical sans-serif bold italic capital lambda
U+1D79B	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		\mbfitsansMu	mathematical sans-serif bold italic capital mu
U+1D79C	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		\mbfitsansNu	mathematical sans-serif bold italic capital nu
U+1D79D	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>		\mbfitsansXi	mathematical sans-serif bold italic capital xi
U+1D79E	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>		\mbfitsansOmicron	mathematical sans-serif bold italic capital omicron
U+1D79F	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>		\mbfitsansPi	mathematical sans-serif bold italic capital pi
U+1D7A0	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>		\mbfitsansRho	mathematical sans-serif bold italic capital rho
U+1D7A1	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>		\mbfitsansvarTheta	mathematical sans-serif bold italic capital theta symbol
U+1D7A2	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>	<i>Σ</i>		\mbfitsansSigma	mathematical sans-serif bold italic capital sigma
U+1D7A3	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>		\mbfitsansTau	mathematical sans-serif bold italic capital tau
U+1D7A4	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>		\mbfitsansUpsilon	mathematical sans-serif bold italic capital upsilon
U+1D7A5	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>		\mbfitsansPhi	mathematical sans-serif bold italic capital phi
U+1D7A6	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>		\mbfitsansChi	mathematical sans-serif bold italic capital chi
U+1D7A7	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>		\mbfitsansPsi	mathematical sans-serif bold italic capital psi
U+1D7A8	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>		\mbfitsansOmega	mathematical sans-serif bold italic capital omega

13.2.20 Bold italic sans serif Greek, lowercase

USV	L	X	S	P	D	F	Macro	Description
U+1D7AA	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>	<i>α</i>		\mbfitsansalpha	mathematical sans-serif bold italic small alpha
U+1D7AB	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>	<i>β</i>		\mbfitsansbeta	mathematical sans-serif bold italic small beta
U+1D7AC	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>	<i>γ</i>		\mbfitsansgamma	mathematical sans-serif bold italic small gamma
U+1D7AD	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>	<i>δ</i>		\mbfitsansdelta	mathematical sans-serif bold italic small delta
U+1D7AE	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>	<i>ε</i>		\mbfitsansvarepsilon	mathematical sans-serif bold italic small varepsilon

USV	L	X	S	P	D	F	Macro	Description
U+1D7AF	ζ	ζ	ζ	ζ	ζ		\mbfitsanszeta	mathematical sans-serif bold italic small zeta
U+1D7B0	η	η	η	η	η		\mbfitsanseta	mathematical sans-serif bold italic small eta
U+1D7B1	θ	θ	θ	θ	θ		\mbfitsanstheta	mathematical sans-serif bold italic small theta
U+1D7B2	ι	ι	ι	ι	ι		\mbfitsansiota	mathematical sans-serif bold italic small iota
U+1D7B3	κ	κ	κ	κ	κ		\mbfitsanskappa	mathematical sans-serif bold italic small kappa
U+1D7B4	λ	λ	λ	λ	λ		\mbfitsanslambda	mathematical sans-serif bold italic small lambda
U+1D7B5	μ	μ	μ	μ	μ		\mbfitsansmu	mathematical sans-serif bold italic small mu
U+1D7B6	ν	ν	ν	ν	ν		\mbfitsansnu	mathematical sans-serif bold italic small nu
U+1D7B7	ξ	ξ	ξ	ξ	ξ		\mbfitsansxi	mathematical sans-serif bold italic small xi
U+1D7B8	ο	ο	ο	ο	ο		\mbfitsansomicron	mathematical sans-serif bold italic small omicron
U+1D7B9	π	π	π	π	π		\mbfitsanspi	mathematical sans-serif bold italic small pi
U+1D7BA	ρ	ρ	ρ	ρ	ρ		\mbfitsansrho	mathematical sans-serif bold italic small rho
U+1D7BB	ς	ς	ς	ς	ς		\mbfitsansvarsigma	mathematical sans-serif bold italic small final sigma
U+1D7BC	σ	σ	σ	σ	σ		\mbfitsanssigma	mathematical sans-serif bold italic small sigma
U+1D7BD	τ	τ	τ	τ	τ		\mbfitsanstau	mathematical sans-serif bold italic small tau
U+1D7BE	υ	υ	υ	υ	υ		\mbfitsansupsilon	mathematical sans-serif bold italic small upsilon
U+1D7BF	φ	φ	φ	φ	φ		\mbfitsansvarphi	mathematical sans-serif bold italic small phi
U+1D7C0	χ	χ	χ	χ	χ		\mbfitsanschi	mathematical sans-serif bold italic small chi
U+1D7C1	ψ	ψ	ψ	ψ	ψ		\mbfitsanspsi	mathematical sans-serif bold italic small psi
U+1D7C2	ω	ω	ω	ω	ω		\mbfitsansomega	mathematical sans-serif bold italic small omega
U+1D7C3	∂	∂	∂	∂	∂		\mbfitsanspartial	mathematical sans-serif bold italic partial differential
U+1D7C4	ε	ε	ε	ε	ε		\mbfitsansepsilon	mathematical sans-serif bold italic varepsilon symbol
U+1D7C5	ϑ	ϑ	ϑ	ϑ	ϑ		\mbfitsansvartheta	mathematical sans-serif bold italic theta symbol
U+1D7C6	κ	κ	κ	κ	κ		\mbfitsansvarkappa	mathematical sans-serif bold italic kappa symbol

USV	L	X	S	P	D	F	Macro	Description
U+1D7C7	ϕ	ϕ	ϕ	ϕ	ϕ		<code>\mbfitsansphi</code>	mathematical sans-serif bold italic phi symbol
U+1D7C8	ρ	ρ	ρ	ρ	ρ		<code>\mbfitsansvarrho</code>	mathematical sans-serif bold italic rho symbol
U+1D7C9	ϖ	ϖ	ϖ	ϖ	ϖ		<code>\mbfitsansvarpi</code>	mathematical sans-serif bold italic pi symbol

13.3 Miscellaneous

USV	L	X	S	P	D	F	Macro	Description
U+000F0	ð	ð	ð	ð	ð	ð	<code>\matheth</code>	eth
U+02010	-	-	-	-	-	-	<code>\mathhyphen</code>	hyphen
U+02102	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	<code>\BbbC</code>	/bbb c, open face c
U+0210A		ℒ	ℒ	ℒ	ℒ	ℒ	<code>\mscrg</code>	/scr g, script letter g
U+0210B	ℋ	ℋ	ℋ	ℋ	ℋ		<code>\mscrH</code>	hamiltonian (script capital h)
U+0210C	ℋ	ℋ	ℋ	ℋ	ℋ		<code>\mfracH</code>	/frac h, upper case h
U+0210D	ℋ	ℋ	ℋ	ℋ	ℋ	ℋ	<code>\BbbH</code>	/bbb h, open face h
U+0210F	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	<code>\hslash^(a)</code>	/hslash - variant planck's over 2pi
U+02110	ℐ	ℐ	ℐ	ℐ	ℐ		<code>\mscrI</code>	/scr i, script letter i
U+02111	ℐ	ℐ	ℐ	ℐ	ℐ		<code>\Im^(p)</code>	imaginary part
U+02112	ℒ	ℒ	ℒ	ℒ	ℒ		<code>\mscrL</code>	lagrangian (script capital l)
U+02113	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	<code>\ell^(p)</code>	cursive small l
U+02115	ℕ	ℕ	ℕ	ℕ	ℕ	ℕ	<code>\BbbN</code>	/bbb n, open face n
U+02118	ℙ	ℙ	ℙ	ℙ	ℙ		<code>\wp^(p)</code>	weierstrass p
U+02119	ℙ	ℙ	ℙ	ℙ	ℙ	ℙ	<code>\BbbP</code>	/bbb p, open face p
U+0211A	ℚ	ℚ	ℚ	ℚ	ℚ	ℚ	<code>\BbbQ</code>	/bbb q, open face q
U+0211B	ℛ	ℛ	ℛ	ℛ	ℛ		<code>\mscrR</code>	/scr r, script letter r
U+0211C	ℜ	ℜ	ℜ	ℜ	ℜ		<code>\Re^(p)</code>	real part

USV	L	X	S	P	D	F	Macro	Description
U+0211D	\mathbb{R}	\mathbb{R}	\mathbb{R}	\mathbb{R}	\mathbb{R}	\mathbb{R}	<code>\BbbR</code>	/bbb r, open face r
U+02124	\mathbb{Z}	\mathbb{Z}	\mathbb{Z}	\mathbb{Z}	\mathbb{Z}	\mathbb{Z}	<code>\BbbZ</code>	/bbb z, open face z
U+02128	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{3}{2}$	$\frac{3}{2}$		<code>\mfracZ</code>	/frak z, upper case z
U+02129		ι	ι				<code>\turnediota</code>	turned iota
U+0212B	\AA	\AA	\AA	\AA	\AA	\AA	<code>\Angstrom</code>	angstrom capital a, ring
U+0212C	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}	\mathcal{B}		<code>\mscrB</code>	bernoulli function (script capital b)
U+0212D	\mathfrak{C}	\mathfrak{C}	\mathfrak{C}	\mathfrak{C}	\mathfrak{C}		<code>\mfracC</code>	black-letter capital c
U+0212F		\mathscr{e}	\mathscr{e}	\mathscr{e}	\mathscr{e}		<code>\mscre</code>	/scr e, script letter e
U+02130	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}	\mathcal{E}		<code>\mscrE</code>	/scr e, script letter e
U+02131	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}	\mathcal{F}		<code>\mscrF</code>	/scr f, script letter f
U+02133	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}	\mathcal{M}		<code>\mscrM</code>	physics m-matrix (script capital m)
U+02134		\mathscr{o}	\mathscr{o}	\mathscr{o}	\mathscr{o}		<code>\mscro</code>	order of (script small o)
U+02135	\aleph	\aleph	\aleph	\aleph	\aleph	\aleph	<code>\aleph^(p)</code>	aleph, hebrew
U+02136	\beth	\beth	\beth	\beth	\beth	\beth	<code>\beth^(a)</code>	beth, hebrew
U+02137	\gimel	\gimel	\gimel	\gimel	\gimel	\gimel	<code>\gimel^(a)</code>	gimel, hebrew
U+02138	\daleth	\daleth	\daleth	\daleth	\daleth	\daleth	<code>\daleth^(a)</code>	daleth, hebrew
U+0213D	\mathbb{G}	\mathbb{G}	\mathbb{G}	\mathbb{G}	\mathbb{G}		<code>\Bbbgamma</code>	double-struck small gamma
U+0213E	\mathbb{G}	\mathbb{G}	\mathbb{G}	\mathbb{G}	\mathbb{G}		<code>\BbbGamma</code>	double-struck capital gamma
U+0213F	\mathbb{P}	\mathbb{P}	\mathbb{P}	\mathbb{P}	\mathbb{P}		<code>\BbbPi</code>	double-struck capital pi
U+02202	∂	∂	∂	∂	∂	∂	<code>\partial^(p)</code>	partial differential
U+02207	∇	∇	∇	∇	∇	∇	<code>\nabla^(p)</code>	nabla, del, hamilton operator
U+1D6A4	\mathfrak{i}	\mathfrak{i}	\mathfrak{i}	\mathfrak{i}	\mathfrak{i}	\mathfrak{i}	<code>\imath^(p)</code>	mathematical italic small dotless i
U+1D6A5	\mathfrak{j}	\mathfrak{j}	\mathfrak{j}	\mathfrak{j}	\mathfrak{j}	\mathfrak{j}	<code>\jmath^(p)</code>	mathematical italic small dotless j
U+1D6C1	∇	∇	∇	∇	∇	∇	<code>\mbfnabla</code>	mathematical bold nabla

USV	L	X	S	P	D	F	Macro	Description
U+1D6FB	↵	↵	↵	↵	↵	↵	<code>\mitnabla</code>	mathematical italic nabla
U+1D735	↵	↵	↵	↵	↵	↵	<code>\mbfitnabla</code>	mathematical bold italic nabla
U+1D76F	↵	↵	↵	↵	↵		<code>\mbfsansnabla</code>	mathematical sans-serif bold nabla
U+1D7A9	↵	↵	↵	↵	↵		<code>\mbfitsansnabla</code>	mathematical sans-serif bold italic nabla
U+1D7CA		F	F				<code>\mbfDigamma</code>	mathematical bold capital digamma
U+1D7CB		F	F				<code>\mbfdigamma</code>	mathematical bold small digamma