

Symbols defined by unicode-math

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Modified (df) to show Neo Euler Math symbols

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** (1602)

S **STIX Math Two** (2445)

E **Erewhon Math** (1668)

P **TeX Gyre Pagella Math** (1655)

A **Asana Math** (2175)

N **Neo Euler** (1012)

Symbols defined in Plain \TeX are indicated with ^(p) after their macro name. \LaTeX follows Plain \TeX , 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 \TeX Live.¹

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¹Only a single \TeX 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	S	E	P	A	N	Macro	Description
U+00028	((((((<code>\lparen</code>	left parenthesis
U+0005B	[	[	[	[	[	[	<code>\lbrack</code>	left square bracket
U+0007B	{	{	{	{	{	{	<code>\lbrace^(p)</code>	left curly bracket
U+0221A	√	√	√	√	√	√	<code>\sqrt^(p)</code>	radical
U+0221B	∛				∛	∛	<code>\cuberoot</code>	cube root
U+0221C	∜				∜	∜	<code>\fourthroot</code>	fourth root
U+02308	⌈	⌈	⌈	⌈	⌈	⌈	<code>\lceil^(p)</code>	left ceiling
U+0230A	⌊	⌊	⌊	⌊	⌊	⌊	<code>\lfloor^(p)</code>	left floor
U+0231C	⌠	⌠	⌠	⌠		⌠	<code>\ulcorner</code>	upper left corner
U+0231E	⌡	⌡	⌡	⌡		⌡	<code>\llcorner</code>	lower left corner
U+023B0	⎵	⎵				⎵	<code>\lmoustache^(p)</code>	upper left or lower right curly bracket section
U+02772	⎵						<code>\lbrbrak</code>	light left tortoise shell bracket ornament
U+027C5	⎵				⎵		<code>\lbag</code>	left s-shaped bag delimiter
U+027CC	⎵						<code>\longdivision</code>	long division
U+027E6	⎵	⎵	⎵	⎵	⎵	⎵	<code>\lBrack</code>	mathematical left white square bracket
U+027E8	⎵	⎵	⎵	⎵	⎵	⎵	<code>\langle^(p)</code>	mathematical left angle bracket
U+027EA	⎵	⎵	⎵	⎵	⎵	⎵	<code>\lAngle</code>	mathematical left double angle bracket
U+027EC	⎵						<code>\lbrbrak</code>	mathematical left white tortoise shell bracket
U+027EE	(	(	(	(			<code>\lgroup^(p)</code>	mathematical left flattened parenthesis

USV	L	S	E	P	A	N	Macro	Description
U+02983		{			{		<code>\lBrace</code>	left white curly bracket
U+02985		(			(		<code>\lParen</code>	left white parenthesis
U+02987		(			(		<code>\llparenthesis</code>	z notation left image bracket
U+02989		<			<		<code>\llangle</code>	z notation left binding bracket
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>\Lparenltr</code>	double left arc greater-than bracket
U+02997		(			(		<code>\lblkbrbrak</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	S	E	P	A	N	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

USV	L	S	E	P	A	N	Macro	Description
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
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>\rblbrbrak</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	S	E	P	A	N	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	S	E	P	A	N	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	S	E	P	A	N	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	S	E	P	A	N	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	$\underline{\paren{x+y}}$	$\underline{\paren{x+y}}$	$\underline{\paren{x+y}}$	$\underline{\paren{x+y}}$	$\underline{\paren{x+y}}$	$\underline{\paren{x+y}}$	<code>\underparen</code>	bottom parenthesis (mathematical use)
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	S	E	P	A	N	Macro	Description
u+00300	̀	́	̂	̃	̄	̅	\grave ^(p)	grave accent
u+00301	́	̂	̃	̄	̅	̆	\acute ^(p)	acute accent
u+00302	̂	̃	̄	̅	̆	̇	\hat ^(p)	circumflex accent
u+00303	̃	̄	̅	̆	̇	̈	\tilde ^(p)	tilde
u+00304	̄	̅	̆	̇	̈	̉	\bar ^(p)	macron
u+00305	̄	̅	̆	̇	̈	̉	\overbar	overbar embellishment
u+00306	̆	̇	̈	̉	̊	̋	\breve ^(p)	breve
u+00307	̇	̈	̉	̊	̋	̌	\dot ^(p)	dot above
u+00308	̈	̉	̊	̋	̌	̍	\ddot ^(p)	dieresis
u+00309	̆	̇	̈	̉			\ovhook	combining hook above
u+0030A	̆	̇	̈	̉	̊	̋	\ocirc	ring
u+0030C	̆	̇	̈	̉	̊	̋	\check ^(p)	caron
u+00310		̆					\candra	candrabindu (non-spacing)
u+00312		̆					\oturnedcomma	combining turned comma above
u+00315		̆					\ocommatopright	combining comma above right
u+0031A		̆					\droang	left angle above (non-spacing)
u+020D0	̆	̇	̈	̉	̊	̋	\leftharpoonaccent	combining left harpoon above
u+020D1	̆	̇	̈	̉	̊	̋	\rightharpoonaccent	combining right harpoon above
u+020D2	̆	̇	̈	̉	̊	̋	\vertoverlay	combining long vertical line overlay
u+020D7	̆	̇	̈	̉	̊	̋	\vec ^(p)	combining right arrow above

USV	L	S	E	P	A	N	Macro	Description
U+020DB	\ddot{x}	\ddot{y}	\ddot{x}	\ddot{y}	\ddot{x}	\ddot{y}	<code>\dddot</code>	combining three dots above
U+020DC	$\overset{\cdot}{\ddot{x}}$	$\overset{\cdot}{\ddot{y}}$	$\overset{\cdot}{\ddot{x}}$	$\overset{\cdot}{\ddot{y}}$	$\overset{\cdot}{\ddot{x}}$	$\overset{\cdot}{\ddot{y}}$	<code>\ddddot</code>	combining four dots above
U+020E7		$\overline{\overline{x}}$					<code>\annuity</code>	combining annuity symbol
U+020E9	$\overline{\overline{x}}$	$\overline{\overline{y}}$	$\overline{\overline{x}}$	$\overline{\overline{y}}$	$\overline{\overline{x}}$	$\overline{\overline{y}}$	<code>\widebridgeabove</code>	combining wide bridge above
U+020F0	$\overset{*}{x}$	$\overset{*}{y}$	$\overset{*}{x}$	$\overset{*}{y}$			<code>\asteraccent</code>	combining asterisk above

8 Accents wide, `\mathaccentwide`

USV	L	S	E	P	A	N	Macro	Description
U+00302	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	<code>\widehat^(p)</code>	circumflex accent
U+00303	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	<code>\widetilde^(p)</code>	tilde
U+00305	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	<code>\wideoverbar</code>	stretchy overbar embellishment
U+00306	$\overbreve{x+y}$	$\overbreve{x+y}$	$\overbreve{x+y}$	$\overbreve{x+y}$	$\overbreve{x+y}$	$\overbreve{x+y}$	<code>\widebreve</code>	stretchy breve
U+0030C	$\overcheck{x+y}$	$\overcheck{x+y}$	$\overcheck{x+y}$	$\overcheck{x+y}$	$\overcheck{x+y}$	$\overcheck{x+y}$	<code>\widecheck</code>	stretchy caron
U+020D0	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	<code>\overleftarrow</code>	combining left harpoon above
U+020D1	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	<code>\overrightarrow</code>	combining right harpoon above
U+020D6	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	<code>\overleftarrow^(p)</code>	combining left arrow above
U+020D7	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	<code>\overrightarrow^(p)</code>	combining left arrow above
U+020E1	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	<code>\overleftrightarrow</code>	combining left right arrow above

9 Bottom accents, `\mathbotaccent`

USV	L	S	E	P	A	N	Macro	Description
U+020E8	\underline{x}	\underline{x}	\underline{x}	\underline{x}	\underline{x}	\underline{x}	<code>\threeunderdot</code>	combining triple underdot

10 Bottom accents wide, `\mathbotaccentwide`

USV	L	S	E	P	A	N	Macro	Description
U+00330	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$		$\underline{x+y}$	<code>\widetilde</code>	under tilde accent (multiple characters and non-spacing)
U+00332	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\mathunderbar</code>	combining low line
U+0034D	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$		$\underline{x+y}$	<code>\underleftrightharpoonarrow</code>	underleftrightharpoonarrow accent
U+020EC	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\underrightharpoondown</code>	combining rightwards harpoon with barb downwards
U+020ED	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\underleftharpoondown</code>	combining leftwards harpoon with barb downwards
U+020EE	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\underleftarrow</code>	combining left arrow below
U+020EF	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	<code>\underrightarrow</code>	combining right arrow below


11 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	S	E	P	A	N	Macro	Description
U+02140	\sum_0^1	\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	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_0^1	\prod_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

USV	L	S	E	P	A	N	Macro	Description
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	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	\oiiint_0^1	<code>\oiiint</code>	triple 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	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	<code>\varointclockwise</code>	contour integral, clockwise
U+02233	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_0^1	\int_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	\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	\bigvee_0^1	<code>\bigvee^(p)</code>	logical or operator
U+022C2	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	\bigcap_0^1	<code>\bigcap^(p)</code>	intersection operator
U+022C3	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	\bigcup_0^1	<code>\bigcup^(p)</code>	union operator
U+027D5		$\left\lrcorner_0^1$			$\left\lrcorner_0^1$		<code>\leftouterjoin</code>	left outer join
U+027D6		$\right\lrcorner_0^1$			$\right\lrcorner_0^1$		<code>\rightouterjoin</code>	right outer join
U+027D7		$\left\lrcorner_0^1$			$\left\lrcorner_0^1$		<code>\fullouterjoin</code>	full outer join
U+027D8	\perp_0^1	\perp_0^1	\perp_0^1	\perp_0^1	\perp_0^1	\perp_0^1	<code>\bigbot</code>	large up tack

USV	L	S	E	P	A	N	Macro	Description
U+027D9	$\overset{1}{\text{T}}_0$	$\overset{1}{\text{T}}_0$	$\overset{1}{\text{T}}_0$	$\overset{1}{\text{T}}_0$	$\overset{1}{\text{T}}_0$	$\overset{1}{\text{T}}_0$	<code>\bigtop</code>	large down tack
U+029F8		$\overset{1}{/}_0$			$\overset{1}{/}_0$		<code>\xsol</code>	big solidus
U+029F9		$\overset{1}{\backslash}_0$			$\overset{1}{\backslash}_0$		<code>\xbsol</code>	big reverse solidus
U+02A00	$\overset{1}{\circ}_0$	$\overset{1}{\circ}_0$	$\overset{1}{\circ}_0$	$\overset{1}{\circ}_0$	$\overset{1}{\circ}_0$	$\overset{1}{\circ}_0$	<code>\bigodot^(p)</code>	n-ary circled dot operator
U+02A01	$\overset{1}{\oplus}_0$	$\overset{1}{\oplus}_0$	$\overset{1}{\oplus}_0$	$\overset{1}{\oplus}_0$	$\overset{1}{\oplus}_0$	$\overset{1}{\oplus}_0$	<code>\bigoplus^(p)</code>	n-ary circled plus operator
U+02A02	$\overset{1}{\otimes}_0$	$\overset{1}{\otimes}_0$	$\overset{1}{\otimes}_0$	$\overset{1}{\otimes}_0$	$\overset{1}{\otimes}_0$	$\overset{1}{\otimes}_0$	<code>\bigotimes^(p)</code>	n-ary circled times operator
U+02A03	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	<code>\bigcupdot</code>	n-ary union operator with dot
U+02A04	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	$\overset{1}{\cup}_0$	<code>\bigcupplus^(p)</code>	n-ary union operator with plus
U+02A05	$\overset{1}{\sqcap}_0$	$\overset{1}{\sqcap}_0$	$\overset{1}{\sqcap}_0$	$\overset{1}{\sqcap}_0$	$\overset{1}{\sqcap}_0$	$\overset{1}{\sqcap}_0$	<code>\bigsqcap</code>	n-ary square intersection operator
U+02A06	$\overset{1}{\sqcup}_0$	$\overset{1}{\sqcup}_0$	$\overset{1}{\sqcup}_0$	$\overset{1}{\sqcup}_0$	$\overset{1}{\sqcup}_0$	$\overset{1}{\sqcup}_0$	<code>\bigsqcup^(p)</code>	n-ary square union operator
U+02A07		$\overset{1}{\wedge}_0$			$\overset{1}{\wedge}_0$		<code>\conjquant</code>	two logical and operator
U+02A08		$\overset{1}{\vee}_0$			$\overset{1}{\vee}_0$		<code>\disjquant</code>	two logical or operator
U+02A09	$\overset{1}{\times}_0$	$\overset{1}{\times}_0$	$\overset{1}{\times}_0$	$\overset{1}{\times}_0$	$\overset{1}{\times}_0$	$\overset{1}{\times}_0$	<code>\bigtimes</code>	n-ary times operator
U+02A0A		$\overset{1}{\sum}_0$			$\overset{1}{\sum}_0$		<code>\modtwosum</code>	modulo two sum
U+02A0B		$\overset{1}{\int}_0$			$\overset{1}{\int}_0$		<code>\sumint</code>	summation with integral
U+02A0C	$\overset{1}{\iiint}_0$	$\overset{1}{\iiint}_0$	$\overset{1}{\iiint}_0$	$\overset{1}{\iiint}_0$	$\overset{1}{\iiint}_0$	$\overset{1}{\iiint}_0$	<code>\iiiint</code>	quadruple integral operator
U+02A0D		$\overset{1}{\int}_0$	$\overset{1}{\int}_0$		$\overset{1}{\int}_0$		<code>\intbar</code>	finite part integral

USV	L	S	E	P	A	N	Macro	Description
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>\rppoint</code>	line integration with rectangular path around pole
U+02A13							<code>\scpoint</code>	line integration with semicircular path around pole
U+02A14							<code>\npoint</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
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

USV	L	S	E	P	A	N	Macro	Description
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+1EEFO							<code>\arabicmaj</code>	arabic mathematical operator meem with hah with tatweel
U+1EEF1							<code>\arabichad</code>	arabic mathematical operator hah with dal






12 Binary relations, `\mathbin`

USV	L	S	E	P	A	N	Macro	Description
U+0002B	+	+	+	+	+	+	<code>\mathplus</code>	plus sign b:
U+000B1	±	±	±	±	±	±	<code>\pm^(p)</code>	plus-or-minus sign
U+000B7	·	·	·	·	·	·	<code>\cdot^(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>\fracslash</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

USV	L	S	E	P	A	N	Macro	Description
U+02228							$\vee^{(p)}$	/vee /lor b: logical or
U+02229							$\cap^{(p)}$	intersection
U+0222A							$\cup^{(p)}$	union or logical sum
U+02238							$\dot{-}$	minus sign, dot above
U+0223E							\invlasy	most positive [inverted lazy s]
U+02240							$\wr^{(p)}$	wreath product
U+0228C							\cupleftarrow	multiset
U+0228D							\cupdot	union, with dot
U+0228E							$\uplus^{(p)}$	plus sign in union
U+02293							$\sqcap^{(p)}$	square intersection
U+02294							$\sqcup^{(p)}$	square union
U+02295							$\oplus^{(p)}$	plus sign in circle
U+02296							$\ominus^{(p)}$	minus sign in circle
U+02297							$\otimes^{(p)}$	multiply sign in circle
U+02298							$\oslash^{(p)}$	solidus in circle
U+02299							$\odot^{(p)}$	middle dot in circle
U+0229A							$\circledcirc^{(a)}$	small circle in circle
U+0229B							$\circledast^{(a)}$	asterisk in circle
U+0229C							\circledequal	equal in circle
U+0229D							$\circleddash^{(a)}$	hyphen in circle
U+0229E							$\boxplus^{(a)}$	plus sign in box
U+0229F							$\boxminus^{(a)}$	minus sign in box

USV	L	S	E	P	A	N	Macro	Description
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)
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)]

USV	L	S	E	P	A	N	Macro	Description
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
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

USV	L	S	E	P	A	N	Macro	Description
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>\mdlgbklozenge</code>	black lozenge
U+029F5							<code>\setminus^(p)</code>	reverse solidus operator
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

USV	L	S	E	P	A	N	Macro	Description
U+02A27		$\frac{+}{2}$			$\frac{+}{2}$		<code>\plussubtwo</code>	plus sign with subscript two
U+02A28		\blacktriangleplus			\blacktriangleplus		<code>\plustrif</code>	plus sign with black triangle
U+02A29		$\overset{,}{-}$			$\overset{,}{-}$		<code>\commaminus</code>	minus sign with comma above
U+02A2A		$\underset{\cdot}{-}$			$\underset{\cdot}{-}$		<code>\minusdot</code>	minus sign with dot below
U+02A2B		$\overset{\cdot}{-}$			$\overset{\cdot}{-}$		<code>\minusfdots</code>	minus sign with falling dots
U+02A2C		$\underset{\cdot}{-}$			$\underset{\cdot}{-}$		<code>\minusrdots</code>	minus sign with rising dots
U+02A2D		\oplus			\oplus		<code>\opluslhrim</code>	plus sign in left half circle
U+02A2E		\oplus			\oplus		<code>\oplusrhrim</code>	plus sign in right half circle
U+02A2F	\times	\times	\times	\times	\times	\times	<code>\vectimes</code>	vector or cross product
U+02A30		$\overset{\cdot}{\times}$			$\overset{\cdot}{\times}$		<code>\dottimes</code>	multiplication sign with dot above
U+02A31		\times			\times		<code>\timesbar</code>	multiplication sign with underbar
U+02A32		\times			\times		<code>\btimes</code>	semidirect product with bottom closed
U+02A33		\ast			\ast		<code>\smashtimes</code>	smash product
U+02A34		\otimes			\otimes		<code>\otimeslhrim</code>	multiplication sign in left half circle
U+02A35		\otimes			\otimes		<code>\otimesrhrim</code>	multiplication sign in right half circle
U+02A36		$\hat{\otimes}$			$\hat{\otimes}$		<code>\otimeshat</code>	circled multiplication sign with circumflex accent
U+02A37		\circledast			\circledast		<code>\Otimes</code>	multiplication sign in double circle
U+02A38		\oplus			\oplus		<code>\odiv</code>	circled division sign
U+02A39		\triangleplus			\triangleplus		<code>\triangleplus</code>	plus sign in triangle
U+02A3A		\triangleminus			\triangleminus		<code>\triangleminus</code>	minus sign in triangle

USV	L	S	E	P	A	N	Macro	Description
U+02A3B							<code>\triangleretimes</code>	multiplication sign in triangle
U+02A3C							<code>\intprod</code>	interior product
U+02A3D							<code>\intprodr</code>	righthand interior product
U+02A3E							<code>\fcmp</code>	z notation relational composition
U+02A3F							<code>\amalg^(P)</code>	amalgamation or coproduct
U+02A40							<code>\capdot</code>	intersection with dot
U+02A41							<code>\uminus</code>	union with minus sign
U+02A42							<code>\barcup</code>	union with overbar
U+02A43							<code>\barcap</code>	intersection with overbar
U+02A44							<code>\capwedge</code>	intersection with logical and
U+02A45							<code>\cupvee</code>	union with logical or
U+02A46							<code>\cupovercap</code>	union above intersection
U+02A47							<code>\capovercup</code>	intersection above union
U+02A48							<code>\cupbarcap</code>	union above bar above intersection
U+02A49							<code>\capbarcup</code>	intersection above bar above union
U+02A4A							<code>\twocups</code>	union beside and joined with union
U+02A4B							<code>\twocaps</code>	intersection beside and joined with intersection
U+02A4C							<code>\closedvarcup</code>	closed union with serifs
U+02A4D							<code>\closedvarcap</code>	closed intersection with serifs
U+02A4E							<code>\Ssqcap</code>	double square intersection
U+02A4F							<code>\Ssqcup</code>	double square union

USV	L	S	E	P	A	N	Macro	Description
U+02A50		⊞			⊞		<code>\closedvarcupsmashprod</code>	closed union with serifs and smash product
U+02A51		∧̇			∧̇		<code>\wedgedot</code>	logical and with dot above
U+02A52		∨̇			∨̇		<code>\veedot</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</code> ^(a)	logical and with double overbar
U+02A5F		∧̅̅	∧̅̅		∧̅̅	∧̅̅	<code>\wedgebar</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>\dsup</code>	z notation domain antirestriction
U+02A65		⊳			⊳		<code>\rsup</code>	z notation range antirestriction
U+02A71		⊞̅			⊞̅		<code>\eqqplus</code>	equals sign above plus sign

USV	L	S	E	P	A	N	Macro	Description
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

13 Ordinary symbols, `\mathord`

USV	L	S	E	P	A	N	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)













































































USV	L	S	E	P	A	N	Macro	Description
U+02032	'	'	'	'	'	'	\prime ^(p)	prime or minute, not superscripted
U+02033	''	''		''	''	''	\dprime	double prime or second, not superscripted
U+02034	'''	'''		'''	'''	'''	\trprime	triple prime (not superscripted)
U+02035	\	\	\	\	\	\	\backprime ^(a)	reverse prime, not superscripted
U+02036	''	''		''		''	\backdprime	double reverse prime, not superscripted
U+02037	'''	'''		'''		'''	\backtrprime	triple reverse prime, not superscripted
U+02038		^					\caretinsert	caret (insertion mark)
U+0203C		!!					\Exclam	double exclamation mark
U+02043		▪					\hyphenbullet	rectangle, filled (hyphen bullet)
U+02047		??					\Question	double question mark
U+02057	''''	''''		''''	''''	''''	\qprime	quadruple prime, not superscripted
U+020AC	€	€	€	€	€	€	\euro	euro sign
U+020DD	○	○	○	○	○	○	\enclosecircle	combining enclosing circle
U+020DE	□	□	□	□	□	□	\enclosesquare	combining enclosing square
U+020DF	◇	◇	◇	◇	◇	◇	\enclosediamond	combining enclosing diamond
U+020E4	△	△	△	△		△	\enclosetriangle	combining enclosing upward pointing triangle
U+02107	ε	ε	ε	ε	ε	ε	\Eulerconst	euler constant
U+0210E	ħ	ħ	ħ	ħ	ħ	ħ	\Planckconst	planck constant
U+02127	℧	℧	℧	℧	℧	℧	\mho	conductance
U+02132		ƒ	ƒ		ƒ	ƒ	\Finv ^(a)	turned capital f

USV	L	S	E	P	A	N	Macro	Description
U+0213C							<code>\Bbbpi</code>	double-struck small pi
U+02141							<code>\Game^(a)</code>	turned sans-serif capital g
U+02142							<code>\sansLturned</code>	turned sans-serif capital l
U+02143							<code>\sansLmirrored</code>	reversed sans-serif capital l
U+02144							<code>\Yup</code>	turned sans-serif capital y
U+02145							<code>\mitBbbD</code>	double-struck italic capital d
U+02146							<code>\mitBbbd</code>	double-struck italic small d
U+02147							<code>\mitBbbe</code>	double-struck italic small e
U+02148							<code>\mitBbbi</code>	double-struck italic small i
U+02149							<code>\mitBbbj</code>	double-struck italic small j
U+0214A							<code>\PropertyLine</code>	property line
U+021A8							<code>\updownarrowbar</code>	up down arrow with base (perpendicular)
U+021B4							<code>\linefeed</code>	rightwards arrow with corner downwards
U+021B5							<code>\carriagereturn</code>	downwards arrow with corner leftward = carriage return
U+021B8							<code>\barovernorthwestarrow</code>	north west arrow to long bar
U+021B9							<code>\barleftarrowrightarrowbar</code>	leftwards arrow to bar over rightwards arrow to bar
U+021BA							<code>\acwopencirclearrow</code>	anticlockwise open circle arrow
U+021BB							<code>\cwopencirclearrow</code>	clockwise open circle arrow
U+021DE							<code>\nHuparrow</code>	upwards arrow with double stroke
U+021DF							<code>\nHdownarrow</code>	downwards arrow with double stroke
U+021E0							<code>\leftdasharrow</code>	leftwards dashed arrow

USV	L	S	E	P	A	N	Macro	Description
U+021E1							<code>\updasharrow</code>	upwards dashed arrow
U+021E2							<code>\righdasharrow</code>	rightwards dashed arrow
U+021E3							<code>\downdasharrow</code>	downwards dashed arrow
U+021E6							<code>\leftwhitearrow</code>	leftwards white arrow
U+021E7							<code>\upwhitearrow</code>	upwards white arrow
U+021E8							<code>\rightwhitearrow</code>	rightwards white arrow
U+021E9							<code>\downwhitearrow</code>	downwards white arrow
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							<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








USV	L	S	E	P	A	N	Macro	Description
U+02235	∴	∴	∴	∴	∴	∴	<code>\because^(a)</code>	because
U+0223F	∿	∿	∿	∿	∿	∿	<code>\sinewave</code>	sine wave
U+022A4	⤴	⤴	⤴	⤴	⤴	⤴	<code>\top^(p)</code>	top
U+022A5	⤵	⤵	⤵	⤵	⤵	⤵	<code>\bot^(p)</code>	bottom
U+022B9	⊕	⊕	⊕	⊕	⊕	⊕	<code>\hermitmatrix</code>	hermitian conjugate matrix
U+022BE	⊞	⊞	⊞	⊞	⊞	⊞	<code>\measuredrightangle</code>	right angle-measured [with arc]
U+022BF	⊝	⊝	⊝	⊝	⊝	⊝	<code>\varlrtriangle</code>	right triangle
U+022EF	⋯	⋯	⋯	⋯	⋯	⋯	<code>\unicodcdots</code>	three dots, centered
U+02300	∅	∅	∅	∅	∅	∅	<code>\diameter</code>	diameter sign
U+02302	🏠						<code>\house</code>	house
U+02310	⌞	⌞	⌞	⌞	⌞	⌞	<code>\invnot</code>	reverse not
U+02311	◻						<code>\sqlozenge</code>	square lozenge
U+02312	⤿						<code>\proffline</code>	profile of a line
U+02313	⤾						<code>\profsurf</code>	profile of a surface
U+02317	⌘						<code>\viewdata</code>	viewdata square
U+02319	⌞	⌞	⌞	⌞	⌞	⌞	<code>\turnednot</code>	turned not sign
U+02320	∫	∫	∫	∫	∫	∫	<code>\inttop</code>	top half integral
U+02321	∫	∫	∫	∫	∫	∫	<code>\intbottom</code>	bottom half integral
U+0232C	⬡						<code>\varhexagonlrbonds</code>	six carbon ring, corner down, double bonds lower right etc
U+02332	▶						<code>\conictaper</code>	conical taper
U+02336	⌈						<code>\topbot</code>	top and bottom

USV	L	S	E	P	A	N	Macro	Description
U+02340		↘					<code>\APLnotbackslash</code>	apl functional symbol backslash bar
U+02353		⌈					<code>\APLboxupcaret</code>	boxed up caret
U+02370		⌘					<code>\APLboxquestion</code>	boxed question mark
U+0237C		⌞					<code>\rangledownzigzagarrow</code>	right angle with downwards zigzag arrow
U+02394		⬡					<code>\hexagon</code>	horizontal benzene ring [hexagon flat open]
U+0239B	(	(	(	(	(	(	<code>\lparenuend</code>	left parenthesis upper hook
U+0239C	|	|	|	|	|	|	<code>\lparenextender</code>	left parenthesis extension
U+0239D	)	)	)	)	)	)	<code>\lparenlend</code>	left parenthesis lower hook
U+0239E	)	)	)	)	)	)	<code>\rparenuend</code>	right parenthesis upper hook
U+0239F	|	|	|	|	|	|	<code>\rparenextender</code>	right parenthesis extension
U+023A0	)	)	)	)	)	)	<code>\rparenlend</code>	right parenthesis lower hook
U+023A1	[	[	[	[	[	[	<code>\lbrackuend</code>	left square bracket upper corner
U+023A2	|	|	|	|	|	|	<code>\lbrackextender</code>	left square bracket extension
U+023A3	L	L	L	L	L	L	<code>\lbracklend</code>	left square bracket lower corner
U+023A4	]	]	]	]	]	]	<code>\rbrackuend</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




































USV	L	S	E	P	A	N	Macro	Description
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
U+023AF							<code>\harrowextender</code>	horizontal line extension (used to extend arrows)
U+023B2							<code>\sumtop</code>	summation top
U+023B3							<code>\sumbottom</code>	summation bottom
U+023B6							<code>\bbrktbrk</code>	bottom square bracket over top square bracket
U+023B7							<code>\sqrtbottom</code>	radical symbol bottom
U+023B8							<code>\l vboxline</code>	left vertical box line
U+023B9							<code>\r vboxline</code>	right vertical box line
U+023CE							<code>\varcarriagereturn</code>	return symbol
U+023E0							<code>\obrbrak</code>	top tortoise shell bracket (mathematical use)
U+023E1							<code>\ubrbrak</code>	bottom tortoise shell bracket (mathematical use)
U+023E2							<code>\trapezium</code>	white trapezium
U+023E3							<code>\benzenr</code>	benzene ring with circle

USV	L	S	E	P	A	N	Macro	Description
U+023E4							<code>\strns</code>	straightness
U+023E5							<code>\fltns</code>	flatness
U+023E6							<code>\accurrent</code>	ac current
U+023E7							<code>\elinters</code>	electrical intersection
U+02422							<code>\blanksymbol</code>	blank symbol
U+02423							<code>\mathvisiblespace</code>	open box
U+02506							<code>\bdtriplevdash</code>	doubly broken vert
U+02580							<code>\blockuphalf</code>	upper half block
U+02584							<code>\blocklowhalf</code>	lower half block
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

USV	L	S	E	P	A	N	Macro	Description
U+025A6							<code>\squarehvfill</code>	square with orthogonal crosshatch fill
U+025A7							<code>\squarenwsefill</code>	square, nw-to-se rule filled
U+025A8							<code>\squareneswfill</code>	square, ne-to-sw rule filled
U+025A9							<code>\squarecrossfill</code>	square with diagonal crosshatch fill
U+025AA							<code>\smbklsquare</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
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

USV	L	S	E	P	A	N	Macro	Description
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>	fish-eye
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
U+025CF							<code>\mdlgblkcircle</code>	circle, filled
U+025D0							<code>\circlelefthalfblack</code>	circle, filled left half [harvey ball]
U+025D1							<code>\circlerighthalfblack</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







































USV	L	S	E	P	A	N	Macro	Description
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>\lrbblacktriangle</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
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

USV	L	S	E	P	A	N	Macro	Description
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
U+025FD							<code>\mdsmwhtsquare</code>	white medium small square
U+025FE							<code>\mdsmblksquare</code>	black medium small square
U+025FF							<code>\lrtriangle</code>	lower right triangle
U+02605							<code>\bigstar^(a)</code>	star, filled

USV	L	S	E	P	A	N	Macro	Description
U+02606		☆			☆		<code>\bigwhitestar</code>	star, open
U+02609		☼					<code>\astrosun</code>	sun
U+02621		⚠					<code>\danger</code>	dangerous bend (caution sign)
U+0263B		😊					<code>\blacksmiley</code>	black smiling face
U+0263C		☀					<code>\sun</code>	white sun with rays
U+0263D		☾					<code>\rightmoon</code>	first quarter moon
U+0263E		☾					<code>\leftmoon</code>	last quarter moon
U+02640		♀					<code>\female</code>	venus, female
U+02642		♂					<code>\male</code>	mars, male
U+02660	♠	♠	♠	♠	♠	♠	<code>\spadesuit^(p)</code>	spades suit symbol
U+02661	♥	♥	♥	♥	♥	♥	<code>\heartsuit^(p)</code>	heart suit symbol
U+02662	♦	♦	♦	♦	♦	♦	<code>\diamondsuit^(p)</code>	diamond suit symbol
U+02663	♣	♣	♣	♣	♣	♣	<code>\clubsuit^(p)</code>	club suit symbol
U+02664	♠	♠	♠	♠	♠	♠	<code>\varspadesuit</code>	spade, white (card suit)
U+02665	♥	♥	♥	♥	♥	♥	<code>\varheartsuit</code>	filled heart (card suit)
U+02666	♦	♦	♦	♦	♦	♦	<code>\vardiamondsuit</code>	filled diamond (card suit)
U+02667	♣	♣	♣	♣	♣	♣	<code>\varclubsuit</code>	club, white (card suit)
U+02669		♪			♪		<code>\quarternote</code>	music note (sung text sign)
U+0266A	♪	♪		♪	♪		<code>\eighthnote</code>	eighth note
U+0266B		♪					<code>\twonotes</code>	beamed eighth notes
U+0266D	♭	♭	♭	♭	♭	♭	<code>\flat^(p)</code>	musical flat
U+0266E	♮	♮	♮	♮	♮	♮	<code>\natural^(p)</code>	music natural

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

USV	L	S	E	P	A	N	Macro	Description
U+0299B							<code>\measuredangleleft</code>	measured angle opening left
U+0299C							<code>\rightanglesqr</code>	right angle variant with square
U+0299D							<code>\rightangledot</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

USV	L	S	E	P	A	N	Macro	Description
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
U+029B0							<code>\reversedemptyset</code>	reversed empty set
U+029B1							<code>\emptysettoabar</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>\uparrowoncircle</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

USV	L	S	E	P	A	N	Macro	Description
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
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

USV	L	S	E	P	A	N	Macro	Description
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
U+02B1D							<code>\vysmblksquare</code>	black very small square
U+02B1E							<code>\vysmwhtsquare</code>	white very small square
U+02B1F							<code>\pentagonblack</code>	black pentagon
U+02B20							<code>\pentagon</code>	white pentagon
U+02B21							<code>\varhexagon</code>	white hexagon
U+02B22							<code>\varhexagonblack</code>	black hexagon
U+02B23							<code>\hexagonblack</code>	horizontal black hexagon
U+02B24							<code>\lgblkcircle</code>	black large circle
U+02B25							<code>\mdblkdiamond</code>	black medium diamond
U+02B26							<code>\mdwhtdiamond</code>	white medium diamond
U+02B27							<code>\mdblklozenge</code>	black medium lozenge
U+02B28							<code>\mdwhtlozenge</code>	white medium lozenge
U+02B29							<code>\smbldiamond</code>	black small diamond
U+02B2A							<code>\smbklozenge</code>	black small lozenge

USV	L	S	E	P	A	N	Macro	Description
U+02B2B		◊	◊			◊	<code>\smwhtlozenge</code>	white small lozenge
U+02B2C		●					<code>\blkhorzoval</code>	black horizontal ellipse
U+02B2D		○					<code>\wthorzoval</code>	white horizontal ellipse
U+02B2E		●					<code>\blkvertoval</code>	black vertical ellipse
U+02B2F		○					<code>\whtvertoval</code>	white vertical ellipse
U+02B50		☆					<code>\medwhitestar</code>	white medium star
U+02B51		★					<code>\medblackstar</code>	black medium star
U+02B52		☆					<code>\smwhitestar</code>	white small star
U+02B53		⬠					<code>\rightpentagonblack</code>	black right-pointing pentagon
U+02B54		⬡					<code>\rightpentagon</code>	white right-pointing pentagon
U+03012		〒					<code>\postalmark</code>	postal mark
U+03030		⋈					<code>\hzigzag</code>	zigzag
U+1D7CE	0	0	0	0	0	0	<code>\mbfzero</code>	mathematical bold digit 0
U+1D7CF	1	1	1	1	1	1	<code>\mbfone</code>	mathematical bold digit 1
U+1D7D0	2	2	2	2	2	2	<code>\mbftwo</code>	mathematical bold digit 2
U+1D7D1	3	3	3	3	3	3	<code>\mbfthree</code>	mathematical bold digit 3
U+1D7D2	4	4	4	4	4	4	<code>\mbffour</code>	mathematical bold digit 4
U+1D7D3	5	5	5	5	5	5	<code>\mbffive</code>	mathematical bold digit 5
U+1D7D4	6	6	6	6	6	6	<code>\mbfsix</code>	mathematical bold digit 6
U+1D7D5	7	7	7	7	7	7	<code>\mbfseven</code>	mathematical bold digit 7
U+1D7D6	8	8	8	8	8	8	<code>\mbfeight</code>	mathematical bold digit 8
U+1D7D7	9	9	9	9	9	9	<code>\mbfnine</code>	mathematical bold digit 9

USV	L	S	E	P	A	N	Macro	Description
U+1D7D8	0	0	0	0	0	0	\Bbbzero	mathematical double-struck digit 0
U+1D7D9	1	1	1	1	1	1	\Bbbone	mathematical double-struck digit 1
U+1D7DA	2	2	2	2	2	2	\Bbbtwo	mathematical double-struck digit 2
U+1D7DB	3	3	3	3	3	3	\Bbbthree	mathematical double-struck digit 3
U+1D7DC	4	4	4	4	4	4	\Bbbfour	mathematical double-struck digit 4
U+1D7DD	5	5	5	5	5	5	\Bbbfive	mathematical double-struck digit 5
U+1D7DE	6	6	6	6	6	6	\Bbbsix	mathematical double-struck digit 6
U+1D7DF	7	7	7	7	7	7	\Bbbseven	mathematical double-struck digit 7
U+1D7E0	8	8	8	8	8	8	\Bbbeight	mathematical double-struck digit 8
U+1D7E1	9	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
U+1D7E4	2	2	2	2	2		\msanstwo	mathematical sans-serif digit 2
U+1D7E5	3	3	3	3	3		\msansthree	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

USV	L	S	E	P	A	N	Macro	Description
U+1D7EC	0	0	0	0	0		<code>\mbfsanszero</code>	mathematical sans-serif bold digit 0
U+1D7ED	1	1	1	1	1		<code>\mbfsansone</code>	mathematical sans-serif bold digit 1
U+1D7EE	2	2	2	2	2		<code>\mbfsanstwo</code>	mathematical sans-serif bold digit 2
U+1D7EF	3	3	3	3	3		<code>\mbfsansthree</code>	mathematical sans-serif bold digit 3
U+1D7F0	4	4	4	4	4		<code>\mbfsansfour</code>	mathematical sans-serif bold digit 4
U+1D7F1	5	5	5	5	5		<code>\mbfsansfive</code>	mathematical sans-serif bold digit 5
U+1D7F2	6	6	6	6	6		<code>\mbfsanssix</code>	mathematical sans-serif bold digit 6
U+1D7F3	7	7	7	7	7		<code>\mbfsansseven</code>	mathematical sans-serif bold digit 7
U+1D7F4	8	8	8	8	8		<code>\mbfsanseight</code>	mathematical sans-serif bold digit 8
U+1D7F5	9	9	9	9	9		<code>\mbfsansnine</code>	mathematical sans-serif bold digit 9
U+1D7F6	0	0	0	0	0		<code>\mttzero</code>	mathematical monospace digit 0
U+1D7F7	1	1	1	1	1		<code>\mttone</code>	mathematical monospace digit 1
U+1D7F8	2	2	2	2	2		<code>\mtttwo</code>	mathematical monospace digit 2
U+1D7F9	3	3	3	3	3		<code>\mtththree</code>	mathematical monospace digit 3
U+1D7FA	4	4	4	4	4		<code>\mttfour</code>	mathematical monospace digit 4
U+1D7FB	5	5	5	5	5		<code>\mttfive</code>	mathematical monospace digit 5
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

USV	L	S	E	P	A	N	Macro	Description
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

14 Relation symbols, `\mathrel`

USV	L	S	E	P	A	N	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>\leftrightarrow^(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

USV	L	S	E	P	A	N	Macro	Description
U+021A1							<code>\twoheaddownarrow</code>	down two-headed arrow
U+021A2							<code>\leftarrowtail^(a)</code>	left arrow-tailed
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>\nlefttrightarrow^(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

USV	L	S	E	P	A	N	Macro	Description
U+021BE	↗	↖	↗	↖	↗	↖	<code>\upharpoonright^(a)</code>	<code>/upharpoonright</code> /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
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>\leftrightarrows^(a)</code>	left arrow over right arrow
U+021C7	↖↖	↖↖	↖↖	↖↖	↖↖	↖↖	<code>\leftleftarrows^(a)</code>	two left arrows
U+021C8	↕↕	↕↕	↕↕	↕↕	↕↕	↕↕	<code>\uparrows^(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

USV	L	S	E	P	A	N	Macro	Description
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
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>\nVleftarrow</code>	leftwards arrow with double vertical stroke
U+021FB							<code>\nVrightarrow</code>	rightwards arrow with double vertical stroke
U+021FC							<code>\nVleftrightarrow</code>	left right arrow with double vertical stroke

USV	L	S	E	P	A	N	Macro	Description
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
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

USV	L	S	E	P	A	N	Macro	Description
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
U+02249							<code>\napprox</code>	not approximate
U+0224A							<code>\approxeq^(a)</code>	approximate, equals
U+0224B							<code>\approxident</code>	approximately identical to
U+0224C							<code>\backcong</code>	all equal to
U+0224D							<code>\asymp^(p)</code>	asymptotically equal to
U+0224E							<code>\Bumpeq^(a)</code>	bumpy equals
U+0224F							<code>\bumpeq^(a)</code>	bumpy equals, equals
U+02250							<code>\doteq^(l)</code>	equals, single dot above
U+02251							<code>\Doteq^(a)</code>	/doteqdot /doteq r: equals, even dots
U+02252							<code>\fallingdotseq^(a)</code>	equals, falling dots
U+02253							<code>\risingdotseq^(a)</code>	equals, rising dots
U+02254							<code>\coloneq</code>	colon, equals
U+02255							<code>\eqcolon</code>	equals, colon

usv	L	S	E	P	A	N	Macro	Description
U+02256							<code>\eqcirc^(a)</code>	circle on equals sign
U+02257							<code>\circeq^(a)</code>	circle, equals
U+02258							<code>\arceq</code>	arc, equals; corresponds to
U+02259							<code>\wedgseq</code>	corresponds to (wedge, equals)
U+0225A							<code>\veeeq</code>	logical or, equals
U+0225B							<code>\stareq</code>	star equals
U+0225C							<code>\triangleq^(a)</code>	triangle, equals
U+0225D							<code>\eqdef</code>	equals by definition
U+0225E							<code>\measeq</code>	measured by (m over equals)
U+0225F							<code>\questeq</code>	equal with questionmark
U+02260							<code>\ne^(p)</code>	/ne /neq r: not equal
U+02261							<code>\equiv^(p)</code>	identical with
U+02262							<code>\nequiv</code>	not identical with
U+02263							<code>\Equiv</code>	strict equivalence (4 lines)
U+02264							<code>\leq^(p)</code>	/leq /le r: less-than-or-equal
U+02265							<code>\geq^(p)</code>	/geq /ge r: greater-than-or-equal
U+02266							<code>\leqq^(a)</code>	less, double equals
U+02267							<code>\geqq^(a)</code>	greater, double equals
U+02268							<code>\lneqq^(a)</code>	less, not double equals
U+02269							<code>\gneqq^(a)</code>	greater, not double equals
U+0226A							<code>\ll^(p)</code>	much less than, type 2
U+0226B							<code>\gg^(p)</code>	much greater than, type 2

USV	L	S	E	P	A	N	Macro	Description
U+0226C	\bowtie	\bowtie	\bowtie	\bowtie	\bowtie	\bowtie	<code>\between^(a)</code>	between
U+0226D	\nasymp	\nasymp	\nasymp	\nasymp	\nasymp	\nasymp	<code>\nasymp</code>	not asymptotically equal to
U+0226E	\nless	\nless	\nless	\nless	\nless	\nless	<code>\nless^(a)</code>	not less-than
U+0226F	\ngtr	\ngtr	\ngtr	\ngtr	\ngtr	\ngtr	<code>\ngtr^(a)</code>	not greater-than
U+02270	\nleq	\nleq	\nleq	\nleq	\nleq	\nleq	<code>\nleq^(a)</code>	not less-than-or-equal
U+02271	\ngeq	\ngeq	\ngeq	\ngeq	\ngeq	\ngeq	<code>\ngeq^(a)</code>	not greater-than-or-equal
U+02272	\lesssim	\lesssim	\lesssim	\lesssim	\lesssim	\lesssim	<code>\lesssim^(a)</code>	less, similar
U+02273	\gtrsim	\gtrsim	\gtrsim	\gtrsim	\gtrsim	\gtrsim	<code>\gtrsim^(a)</code>	greater, similar
U+02274	\nlesssim	\nlesssim	\nlesssim	\nlesssim	\nlesssim	\nlesssim	<code>\nlesssim</code>	not less, similar
U+02275	\ngtrsim	\ngtrsim	\ngtrsim	\ngtrsim	\ngtrsim	\ngtrsim	<code>\ngtrsim</code>	not greater, similar
U+02276	\lessgtr	\lessgtr	\lessgtr	\lessgtr	\lessgtr	\lessgtr	<code>\lessgtr^(a)</code>	less, greater
U+02277	\gtrless	\gtrless	\gtrless	\gtrless	\gtrless	\gtrless	<code>\gtrless^(a)</code>	greater, less
U+02278	\nlessgtr	\nlessgtr	\nlessgtr	\nlessgtr	\nlessgtr	\nlessgtr	<code>\nlessgtr</code>	not less, greater
U+02279	\ngtrless	\ngtrless	\ngtrless	\ngtrless	\ngtrless	\ngtrless	<code>\ngtrless</code>	not greater, less
U+0227A	\prec	\prec	\prec	\prec	\prec	\prec	<code>\prec^(p)</code>	precedes
U+0227B	\succ	\succ	\succ	\succ	\succ	\succ	<code>\succ^(p)</code>	succeeds
U+0227C	\preccurlyeq	\preccurlyeq	\preccurlyeq	\preccurlyeq	\preccurlyeq	\preccurlyeq	<code>\preccurlyeq^(a)</code>	precedes, curly equals
U+0227D	\succcurlyeq	\succcurlyeq	\succcurlyeq	\succcurlyeq	\succcurlyeq	\succcurlyeq	<code>\succcurlyeq^(a)</code>	succeeds, curly equals
U+0227E	\precsim	\precsim	\precsim	\precsim	\precsim	\precsim	<code>\precsim^(a)</code>	precedes, similar
U+0227F	\succsim	\succsim	\succsim	\succsim	\succsim	\succsim	<code>\succsim^(a)</code>	succeeds, similar
U+02280	\nprec	\nprec	\nprec	\nprec	\nprec	\nprec	<code>\nprec^(a)</code>	not precedes
U+02281	\nsucc	\nsucc	\nsucc	\nsucc	\nsucc	\nsucc	<code>\nsucc^(a)</code>	not succeeds

USV	L	S	E	P	A	N	Macro	Description
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
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

USV	L	S	E	P	A	N	Macro	Description
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
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 /lles r: triple less-than













































USV	L	S	E	P	A	N	Macro	Description
U+022D9	➤	➥	➦	➧	➨	➩	<code>\ggg^(a)</code>	<code>/ggg /gg /ggtr</code> 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>\nsqsubseteq</code>	not, square subset, equals
U+022E3	⋽	⋾	⋿	⋿	⋿	⋿	<code>\nsqsupseteq</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
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





































USV	L	S	E	P	A	N	Macro	Description
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>	<code>/triangle</code> - up triangle, open

USV	L	S	E	P	A	N	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

USV	L	S	E	P	A	N	Macro	Description
U+027FA							<code>\Longleftrightarrow^(p)</code>	long left right double arrow
U+027FB							<code>\longmapsfrom</code>	long leftwards arrow from bar
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>\Ddownarrow</code>	downwards triple arrow
U+0290C							<code>\leftbkarrow</code>	leftwards double dash arrow

USV	L	S	E	P	A	N	Macro	Description
U+0290D		→→			→→		<code>\rightbkarrow</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
U+02911		→⋯			→⋯		<code>\rightdotarrow</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>\nvrightarrowtail</code>	rightwards arrow with tail with vertical stroke
U+02915		⇒			⇒		<code>\nVrightarrowtail</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>\rightarrowdiamond</code>	rightwards arrow to black diamond
U+0291F		←̄◊			←̄◊		<code>\diamondleftarrowbar</code>	leftwards arrow from bar to black diamond











































usv	L	S	E	P	A	N	Macro	Description
U+02920							<code>\barrightarrowdiamond</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
U+02927							<code>\tona</code>	north west arrow and north east arrow
U+02928							<code>\toea</code>	north east arrow and south east arrow
U+02929							<code>\tosa</code>	south east arrow and south west arrow
U+0292A							<code>\towa</code>	south west arrow and north west arrow
U+02933							<code>\rightcurvedarrow</code>	wave arrow pointing directly right
U+02936							<code>\leftdowncurvedarrow</code>	arrow pointing downwards then curving leftwards
U+02937							<code>\rightdowncurvedarrow</code>	arrow pointing downwards then curving rightwards
U+02938							<code>\cwrightarcarrow</code>	right-side arc clockwise arrow
U+02939							<code>\acwleftarcarrow</code>	left-side arc anticlockwise arrow
U+0293A							<code>\acwoverarcarrow</code>	top arc anticlockwise arrow
U+0293B							<code>\acwunderarcarrow</code>	bottom arc anticlockwise arrow
U+0293C							<code>\curvearrowrightminus</code>	top arc clockwise arrow with minus
U+0293D							<code>\curvearrowleftplus</code>	top arc anticlockwise arrow with plus

USV	L	S	E	P	A	N	Macro	Description
U+0293E							<code>\cwundercurvearrow</code>	lower right semicircular clockwise arrow
U+0293F							<code>\ccwundercurvearrow</code>	lower left semicircular anticlockwise arrow
U+02940							<code>\acwcirclearrow</code>	anticlockwise closed circle arrow
U+02941							<code>\cwcirclearrow</code>	clockwise closed circle arrow
U+02942							<code>\rightarrowshortleftarrow</code>	rightwards arrow above short leftwards arrow
U+02943							<code>\leftarrowshortrightarrow</code>	leftwards arrow above short rightwards arrow
U+02944							<code>\shortrightarrowleftarrow</code>	short rightwards arrow above leftwards arrow
U+02945							<code>\rightarrowplus</code>	rightwards arrow with plus below
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

usv	L	S	E	P	A	N	Macro	Description
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
u+0295A		←			←		<code>\leftharpoonupbar</code>	leftwards harpoon with barb up from bar
u+0295B		→			→		<code>\barriightharpoonup</code>	rightwards harpoon with barb up from bar
u+0295C		↑			↑		<code>\upharpoonrightbar</code>	upwards harpoon with barb right from bar
u+0295D		↓			↓		<code>\bardownharpoonright</code>	downwards harpoon with barb right from bar
u+0295E		←			←		<code>\leftharpoondownbar</code>	leftwards harpoon with barb down from bar
u+0295F		→			→		<code>\barriightharpoondown</code>	rightwards harpoon with barb down from bar
u+02960		↑			↑		<code>\upharpoonleftbar</code>	upwards harpoon with barb left from bar

USV	L	S	E	P	A	N	Macro	Description
U+02961		⤵			⤵		<code>\bardownharpoonleft</code>	downwards harpoon with barb left from bar
U+02962		⇐			⇐		<code>\leftharpoonsupdown</code>	leftwards harpoon with barb up above leftwards harpoon with barb down
U+02963		⇑			⇑		<code>\upharpoonsleftright</code>	upwards harpoon with barb left beside upwards harpoon with barb right
U+02964		⇒			⇒		<code>\rightharpoonsupdown</code>	rightwards harpoon with barb up above rightwards harpoon with barb down
U+02965		⇓			⇓		<code>\downharpoonsleftright</code>	downwards harpoon with barb left beside downwards harpoon with barb right
U+02966		⇐			⇐		<code>\leftrightharpoonsup</code>	leftwards harpoon with barb up above rightwards harpoon with barb up
U+02967		⇐			⇐		<code>\leftrightharpoonsdown</code>	leftwards harpoon with barb down above rightwards harpoon with barb down
U+02968		⇒			⇒		<code>\rightleftharpoonsup</code>	rightwards harpoon with barb up above leftwards harpoon with barb up
U+02969		⇒			⇒		<code>\rightleftharpoonsdown</code>	rightwards harpoon with barb down above leftwards harpoon with barb down
U+0296A		⇐			⇐		<code>\leftharpoonupdash</code>	leftwards harpoon with barb up above long dash
U+0296B		⇐			⇐		<code>\dashleftharpoondown</code>	leftwards harpoon with barb down below long dash
U+0296C		⇒			⇒		<code>\rightharpoonupdash</code>	rightwards harpoon with barb up above long dash
U+0296D		⇒			⇒		<code>\dashrightharpoondown</code>	rightwards harpoon with barb down below long dash
U+0296E		⇑			⇑		<code>\updownharpoonsleftright</code>	upwards harpoon with barb left beside downwards harpoon with barb right
U+0296F		⇓			⇓		<code>\downupharpoonsleftright</code>	downwards harpoon with barb left beside upwards harpoon with barb right

usv	L	S	E	P	A	N	Macro	Description
U+02970		⇒			⇒		<code>\rightimply</code>	right double arrow with rounded head
U+02971		⇒			⇒		<code>\equalrightarrow</code>	equals sign above rightwards arrow
U+02972		⇒			⇒		<code>\similarrightarrow</code>	tilde operator above rightwards arrow
U+02973		⇐			⇐		<code>\leftarrowsimilar</code>	leftwards arrow above tilde operator
U+02974		⇒			⇒		<code>\rightarrowsimilar</code>	rightwards arrow above tilde operator
U+02975		⇒			⇒		<code>\rightarrowapprox</code>	rightwards arrow above almost equal to
U+02976		⇐			⇐		<code>\ltlarr</code>	less-than above leftwards arrow
U+02977		⇐			⇐		<code>\leftarrowless</code>	leftwards arrow through less-than
U+02978		⇒			⇒		<code>\gtrarr</code>	greater-than above rightwards arrow
U+02979		⇐			⇐		<code>\subrarr</code>	subset above rightwards arrow
U+0297A		⇐			⇐		<code>\leftarrowsubset</code>	leftwards arrow through subset
U+0297B		⇒			⇒		<code>\suplarr</code>	superset above leftwards arrow
U+0297C		↵			↵		<code>\leftfishtail</code>	left fish tail
U+0297D		↶			↶		<code>\rightfishtail</code>	right fish tail
U+0297E		↷			↷		<code>\upfishtail</code>	up fish tail
U+0297F		↸			↸		<code>\downfishtail</code>	down fish tail
U+02982		⋈			⋈		<code>\typecolon</code>	z notation type colon
U+029CE		▵			▵		<code>\rtriltri</code>	right triangle above left triangle
U+029CF		◁			◁		<code>\ltrivb</code>	left triangle beside vertical bar
U+029D0		▷			▷		<code>\vbrtri</code>	vertical bar beside right triangle

USV	L	S	E	P	A	N	Macro	Description
U+029D1							<code>\lfbowtie</code>	left black bowtie
U+029D2							<code>\rfbowtie</code>	right black bowtie
U+029D3							<code>\fbowtie</code>	black bowtie
U+029D4							<code>\lftimes</code>	left black times
U+029D5							<code>\rftimes</code>	right black times
U+029DF							<code>\dualmap</code>	double-ended multimap
U+029E1							<code>\lrtriangleeq</code>	increases as
U+029E3							<code>\eparsl</code>	equals sign and slanted parallel
U+029E4							<code>\smeparsl</code>	equals sign and slanted parallel with tilde above
U+029E5							<code>\eqvparsl</code>	identical to and slanted parallel
U+029E6							<code>\gleichstark</code>	gleich stark
U+029F4							<code>\ruledelayed</code>	rule-delayed
U+02A59							<code>\veeonwedge</code>	logical or overlapping logical and
U+02A66							<code>\eqdot</code>	equals sign with dot below
U+02A67							<code>\dotequiv</code>	identical with dot above
U+02A68							<code>\equivVert</code>	triple horizontal bar with double vertical stroke
U+02A69							<code>\equivVvert</code>	triple horizontal bar with triple vertical stroke
U+02A6A							<code>\dotsim</code>	tilde operator with dot above
U+02A6B							<code>\simrdots</code>	tilde operator with rising dots
U+02A6C							<code>\simminusim</code>	similar minus similar
U+02A6D							<code>\congdot</code>	congruent with dot above











































USV	L	S	E	P	A	N	Macro	Description
U+02A6E		$\stackrel{*}{=}$			$\stackrel{*}{=}$		<code>\asteq</code>	equals with asterisk
U+02A6F		$\hat{\approx}$			$\hat{\approx}$		<code>\hatatapprox</code>	almost equal to with circumflex accent
U+02A70		$\approx\approx$			$\approx\approx$		<code>\approxpeq</code>	approximately equal or equal to
U+02A73		$\tilde{=}$			$\tilde{=}$		<code>\eqqsim</code>	equals sign above tilde operator
U+02A74		$::=$			$::=$		<code>\Coloneq</code>	double colon equal
U+02A75		$==$			$==$		<code>\eqeq</code>	two consecutive equals signs
U+02A76		$===$			$===$		<code>\eqeqeq</code>	three consecutive equals signs
U+02A77		$\ddot{=}$			$\ddot{=}$		<code>\ddotseq</code>	equals sign with two dots above and two dots below
U+02A78		\equiv			\equiv		<code>\equivDD</code>	equivalent with four dots above
U+02A79		\lessgtr			\lessgtr		<code>\ltcir</code>	less-than with circle inside
U+02A7A		\gtrless			\gtrless		<code>\gtcir</code>	greater-than with circle inside
U+02A7B		$\lessgtr?$			$\lessgtr?$		<code>\ltquest</code>	less-than with question mark above
U+02A7C		$\gtrless?$			$\gtrless?$		<code>\gtquest</code>	greater-than with question mark above
U+02A7D	\leq	\leq	\leq	\leq	\leq	\leq	<code>\leqslant</code> ^(a)	less-than or slanted equal to
U+02A7E	\geq	\geq	\geq	\geq	\geq	\geq	<code>\geqslant</code> ^(a)	greater-than or slanted equal to
U+02A7F		$\leq\dot{\leq}$			$\leq\dot{\leq}$		<code>\lesdot</code>	less-than or slanted equal to with dot inside
U+02A80		$\geq\dot{\geq}$			$\geq\dot{\geq}$		<code>\gesdot</code>	greater-than or slanted equal to with dot inside
U+02A81		$\leq\dot{\leq}$			$\leq\dot{\leq}$		<code>\lesdoto</code>	less-than or slanted equal to with dot above
U+02A82		$\geq\dot{\geq}$			$\geq\dot{\geq}$		<code>\gesdoto</code>	greater-than or slanted equal to with dot above
U+02A83		$\leq\dot{\leq}$			$\leq\dot{\leq}$		<code>\lesdotor</code>	less-than or slanted equal to with dot above right

USV	L	S	E	P	A	N	Macro	Description
U+02A84		➤			➤		<code>\gesdotol</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>\g1E</code>	greater-than above less-than above double-line equal
U+02A93		➤			➤		<code>\lesges</code>	less-than above slanted equal above greater-than above slanted equal
U+02A94		➤			➤		<code>\gesles</code>	greater-than above slanted equal above less-than above slanted equal
U+02A95	➤	➤	➤	➤	➤	➤	<code>\eqslantless^(a)</code>	slanted equal to or less-than





















USV	L	S	E	P	A	N	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

USV	L	S	E	P	A	N	Macro	Description
U+02AAA							<code>\smt</code>	smaller than
U+02AAB							<code>\lat</code>	larger than
U+02AAC							<code>\smte</code>	smaller than or equal to
U+02AAD							<code>\late</code>	larger than or equal to
U+02AAE							<code>\bumpeq</code>	equals sign with bumpy above
U+02AAF							<code>\preceq^(p)</code>	precedes above single-line equals sign
U+02AB0							<code>\succeq^(p)</code>	succeeds above single-line equals sign
U+02AB1							<code>\precneq</code>	precedes above single-line not equal to
U+02AB2							<code>\succneq</code>	succeeds above single-line not equal to
U+02AB3							<code>\preceqq</code>	precedes above equals sign
U+02AB4							<code>\succeqq</code>	succeeds above equals sign
U+02AB5							<code>\precneqq^(a)</code>	precedes above not equal to
U+02AB6							<code>\succneqq^(a)</code>	succeeds above not equal to
U+02AB7							<code>\precapprox^(a)</code>	precedes above almost equal to
U+02AB8							<code>\succapprox^(a)</code>	succeeds above almost equal to
U+02AB9							<code>\precnapprox^(a)</code>	precedes above not almost equal to
U+02ABA							<code>\succnapprox^(a)</code>	succeeds above not almost equal to
U+02ABB							<code>\Prec</code>	double precedes
U+02ABC							<code>\Succ</code>	double succeeds
U+02ABD							<code>\subsetdot</code>	subset with dot
U+02ABE							<code>\supsetdot</code>	superset with dot

USV	L	S	E	P	A	N	Macro	Description
U+02ABF		⊆			⊆		<code>\subsetplus</code>	subset with plus sign below
U+02AC0		⊇			⊇		<code>\supsetplus</code>	superset with plus sign below
U+02AC1		⊆×			⊆×		<code>\submult</code>	subset with multiplication sign below
U+02AC2		⊇×			⊇×		<code>\supmult</code>	superset with multiplication sign below
U+02AC3		⊆̇			⊆̇		<code>\subedot</code>	subset of or equal to with dot above
U+02AC4		⊇̇			⊇̇		<code>\supedot</code>	superset of or equal to with dot above
U+02AC5		⊆=	⊆=		⊆=	⊆=	<code>\subseteqq^(a)</code>	subset of above equals sign
U+02AC6		⊇=	⊇=		⊇=	⊇=	<code>\supseteqq^(a)</code>	superset of above equals sign
U+02AC7		⊆̃			⊆̃		<code>\subsim</code>	subset of above tilde operator
U+02AC8		⊇̃			⊇̃		<code>\supsim</code>	superset of above tilde operator
U+02AC9		⊆≈			⊆≈		<code>\subsetapprox</code>	subset of above almost equal to
U+02ACA		⊇≈			⊇≈		<code>\supsetapprox</code>	superset of above almost equal to
U+02ACB		⊆≠	⊆≠		⊆≠	⊆≠	<code>\subsetneqq^(a)</code>	subset of above not equal to
U+02ACC		⊇≠	⊇≠		⊇≠	⊇≠	<code>\supsetneqq^(a)</code>	superset of above not equal to
U+02ACD		⌊			⌊		<code>\lsqhook</code>	square left open box operator
U+02ACE		⌋			⌋		<code>\rsqhook</code>	square right open box operator
U+02ACF		⊐			⊐		<code>\csub</code>	closed subset
U+02AD0		⊑			⊑		<code>\csup</code>	closed superset
U+02AD1		⊒			⊒		<code>\csube</code>	closed subset or equal to
U+02AD2		⊓			⊓		<code>\csupe</code>	closed superset or equal to
U+02AD3		⊔			⊔		<code>\subsup</code>	subset above superset

USV	L	S	E	P	A	N	Macro	Description
U+02AD4							<code>\supsub</code>	superset above subset
U+02AD5							<code>\subsub</code>	subset above subset
U+02AD6							<code>\supsup</code>	superset above superset
U+02AD7							<code>\supsub</code>	superset beside subset
U+02AD8							<code>\supdsub</code>	superset beside and joined by dash with subset
U+02AD9							<code>\forkv</code>	element of opening downwards
U+02ADA							<code>\topfork</code>	pitchfork with tee top
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>\vDdash</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

USV	L	S	E	P	A	N	Macro	Description
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>\circamid</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
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>\circleonleftarrow</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

USV	L	S	E	P	A	N	Macro	Description
U+02B38							<code>\leftdotarrow</code>	leftwards arrow with dotted stem
U+02B39							<code>\nleftarrowtail</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>\equalleftarrow</code>	equals sign above leftwards arrow
U+02B41							<code>\bsimilarleftarrow</code>	reverse tilde operator above leftwards arrow
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

USV	L	S	E	P	A	N	Macro	Description
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

15 Alphabetical symbols, `\mathalpha`

15.1 Normal weight

15.1.1 Upright Greek, uppercase

usv	L	S	E	P	A	N	Macro	Description
u+00391	Α	Α	Α	Α	Α	Α	<code>\mupAlpha</code>	capital alpha, greek
u+00392	Β	Β	Β	Β	Β	Β	<code>\mupBeta</code>	capital beta, greek
u+00393	Γ	Γ	Γ	Γ	Γ	Γ	<code>\mupGamma</code>	capital gamma, greek
u+00394	Δ	Δ	Δ	Δ	Δ	Δ	<code>\mupDelta</code>	capital delta, greek
u+00395	Ε	Ε	Ε	Ε	Ε	Ε	<code>\mupEpsilon</code>	capital epsilon, greek
u+00396	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	<code>\mupZeta</code>	capital zeta, greek
u+00397	Η	Η	Η	Η	Η	Η	<code>\mupEta</code>	capital eta, greek
u+00398	Θ	Θ	Θ	Θ	Θ	Θ	<code>\mupTheta</code>	capital theta, greek
u+00399	Ι	Ι	Ι	Ι	Ι	Ι	<code>\mupIota</code>	capital iota, greek
u+0039A	Κ	Κ	Κ	Κ	Κ	Κ	<code>\mupKappa</code>	capital kappa, greek
u+0039B	Λ	Λ	Λ	Λ	Λ	Λ	<code>\mupLambda</code>	capital lambda, greek
u+0039C	Μ	Μ	Μ	Μ	Μ	Μ	<code>\mupMu</code>	capital mu, greek
u+0039D	Ν	Ν	Ν	Ν	Ν	Ν	<code>\mupNu</code>	capital nu, greek
u+0039E	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	<code>\mupXi</code>	capital xi, greek
u+0039F	Ο	Ο	Ο	Ο	Ο	Ο	<code>\mupOmicron</code>	capital omicron, greek
u+003A0	Π	Π	Π	Π	Π	Π	<code>\mupPi</code>	capital pi, greek
u+003A1	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	<code>\mupRho</code>	capital rho, greek
u+003A3	Σ	Σ	Σ	Σ	Σ	Σ	<code>\mupSigma</code>	capital sigma, greek
u+003A4	Τ	Τ	Τ	Τ	Τ	Τ	<code>\mupTau</code>	capital tau, greek
u+003A5	Υ	Υ	Υ	Υ	Υ	Υ	<code>\mupUpsilon</code>	capital upsilon, greek

USV	L	S	E	P	A	N	Macro	Description
U+003A6	Φ	ϕ	ϕ	ϕ	ϕ	ϕ	<code>\mupPhi</code>	capital phi, greek
U+003A7	Χ	χ	χ	χ	χ	χ	<code>\mupChi</code>	capital chi, greek
U+003A8	Ψ	ψ	ψ	ψ	ψ	ψ	<code>\mupPsi</code>	capital psi, greek
U+003A9	Ω	ω	ω	ω	ω	ω	<code>\mupOmega</code>	capital omega, greek

15.1.2 Upright Greek, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+003B1	α	α	α	α	α	α	<code>\mupalpha</code>	small alpha, greek
U+003B2	β	β	β	β	β	β	<code>\mupbeta</code>	small beta, greek
U+003B3	γ	γ	γ	γ	γ	γ	<code>\mupgamma</code>	small gamma, greek
U+003B4	δ	δ	δ	δ	δ	δ	<code>\mupdelta</code>	small delta, greek
U+003B5	ε	ε	ε	ε	ε	ε	<code>\mupvarepsilon</code>	rounded small varepsilon, greek
U+003B6	ζ	ζ	ζ	ζ	ζ	ζ	<code>\mupzeta</code>	small zeta, greek
U+003B7	η	η	η	η	η	η	<code>\mupeta</code>	small eta, greek
U+003B8	θ	θ	θ	θ	θ	θ	<code>\muptheta</code>	straight theta, small theta, greek
U+003B9	ι	ι	ι	ι	ι	ι	<code>\mupiota</code>	small iota, greek
U+003BA	κ	κ	κ	κ	κ	κ	<code>\mupkappa</code>	small kappa, greek
U+003BB	λ	λ	λ	λ	λ	λ	<code>\muplambda</code>	small lambda, greek
U+003BC	μ	μ	μ	μ	μ	μ	<code>\mupmu</code>	small mu, greek
U+003BD	ν	ν	ν	ν	ν	ν	<code>\mupnu</code>	small nu, greek
U+003BE	ξ	ξ	ξ	ξ	ξ	ξ	<code>\mupxi</code>	small xi, greek
U+003BF	ο	ο	ο	ο	ο	ο	<code>\mupomicron</code>	small omicron, greek

usv	L	S	E	P	A	N	Macro	Description
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		\mupvarsigma	terminal sigma, greek
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		Ϝ					\upDigamma	capital digamma
u+003dd		ϝ	ϝ			ϝ	\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		\mupvarrho	rounded small rho, greek
u+003f4	Θ	Θ	Θ	Θ		Θ	\mupvarTheta	greek capital theta symbol
u+003f5	ε	ε	ε	ε		ε	\mupepsilon	greek lunate varepsilon symbol

15.1.3 Italic, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D434	A	A	A	A	A	A	\mitA	mathematical italic capital a
U+1D435	B	B	B	B	B	B	\mitB	mathematical italic capital b
U+1D436	C	C	C	C	C	C	\mitC	mathematical italic capital c
U+1D437	D	D	D	D	D	D	\mitD	mathematical italic capital d
U+1D438	E	E	E	E	E	E	\mitE	mathematical italic capital e
U+1D439	F	F	F	F	F	F	\mitF	mathematical italic capital f
U+1D43A	G	G	G	G	G	G	\mitG	mathematical italic capital g
U+1D43B	H	H	H	H	H	H	\mitH	mathematical italic capital h
U+1D43C	I	I	I	I	I	I	\mitI	mathematical italic capital i
U+1D43D	J	J	J	J	J	J	\mitJ	mathematical italic capital j
U+1D43E	K	K	K	K	K	K	\mitK	mathematical italic capital k
U+1D43F	L	L	L	L	L	L	\mitL	mathematical italic capital l
U+1D440	M	M	M	M	M	M	\mitM	mathematical italic capital m
U+1D441	N	N	N	N	N	N	\mitN	mathematical italic capital n
U+1D442	O	O	O	O	O	O	\mitO	mathematical italic capital o
U+1D443	P	P	P	P	P	P	\mitP	mathematical italic capital p
U+1D444	Q	Q	Q	Q	Q	Q	\mitQ	mathematical italic capital q
U+1D445	R	R	R	R	R	R	\mitR	mathematical italic capital r
U+1D446	S	S	S	S	S	S	\mitS	mathematical italic capital s
U+1D447	T	T	T	T	T	T	\mitT	mathematical italic capital t
U+1D448	U	U	U	U	U	U	\mitU	mathematical italic capital u
U+1D449	V	V	V	V	V	V	\mitV	mathematical italic capital v

USV	L	S	E	P	A	N	Macro	Description
U+1D44A	W	W	W	W	W		<code>\mitW</code>	mathematical italic capital w
U+1D44B	X	X	X	X	X		<code>\mitX</code>	mathematical italic capital x
U+1D44C	Y	Y	Y	Y	Y		<code>\mitY</code>	mathematical italic capital y
U+1D44D	Z	Z	Z	Z	Z		<code>\mitZ</code>	mathematical italic capital z

15.1.4 Italic, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D44E	a	a	a	a	a		<code>\mita</code>	mathematical italic small a
U+1D44F	b	b	b	b	b		<code>\mitb</code>	mathematical italic small b
U+1D450	c	c	c	c	c		<code>\mitc</code>	mathematical italic small c
U+1D451	d	d	d	d	d		<code>\mitd</code>	mathematical italic small d
U+1D452	e	e	e	e	e		<code>\mite</code>	mathematical italic small e
U+1D453	f	f	f	f	f		<code>\mitf</code>	mathematical italic small f
U+1D454	g	g	g	g	g		<code>\mitg</code>	mathematical italic small g
U+1D456	i	i	i	i	i		<code>\miti</code>	mathematical italic small i
U+1D457	j	j	j	j	j		<code>\mitj</code>	mathematical italic small j
U+1D458	k	k	k	k	k		<code>\mitk</code>	mathematical italic small k
U+1D459	l	l	l	l	l		<code>\mitl</code>	mathematical italic small l
U+1D45A	m	m	m	m	m		<code>\mitm</code>	mathematical italic small m
U+1D45B	n	n	n	n	n		<code>\mitn</code>	mathematical italic small n
U+1D45C	o	o	o	o	o		<code>\mito</code>	mathematical italic small o
U+1D45D	p	p	p	p	p		<code>\mitp</code>	mathematical italic small p

USV	L	S	E	P	A	N	Macro	Description
U+1D45E	q	q	q	q	q		<code>\mitq</code>	mathematical italic small q
U+1D45F	r	r	r	r	r		<code>\mitr</code>	mathematical italic small r
U+1D460	s	s	s	s	s		<code>\mits</code>	mathematical italic small s
U+1D461	t	t	t	t	t		<code>\mitt</code>	mathematical italic small t
U+1D462	u	u	u	u	u		<code>\mitu</code>	mathematical italic small u
U+1D463	v	v	v	v	v		<code>\mitv</code>	mathematical italic small v
U+1D464	w	w	w	w	w		<code>\mitw</code>	mathematical italic small w
U+1D465	x	x	x	x	x		<code>\mitx</code>	mathematical italic small x
U+1D466	y	y	y	y	y		<code>\mity</code>	mathematical italic small y
U+1D467	z	z	z	z	z		<code>\mitz</code>	mathematical italic small z

15.1.5 Italic Greek, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D6E2	Α	Α	Α	Α	Α		<code>\mitAlpha</code>	mathematical italic capital alpha
U+1D6E3	Β	Β	Β	Β	Β		<code>\mitBeta</code>	mathematical italic capital beta
U+1D6E4	Γ	Γ	Γ	Γ	Γ		<code>\mitGamma</code>	mathematical italic capital gamma
U+1D6E5	Δ	Δ	Δ	Δ	Δ		<code>\mitDelta</code>	mathematical italic capital delta
U+1D6E6	Ε	Ε	Ε	Ε	Ε		<code>\mitEpsilon</code>	mathematical italic capital epsilon
U+1D6E7	Ζ	Ζ	Ζ	Ζ	Ζ		<code>\mitZeta</code>	mathematical italic capital zeta
U+1D6E8	Η	Η	Η	Η	Η		<code>\mitEta</code>	mathematical italic capital eta
U+1D6E9	Θ	Θ	Θ	Θ	Θ		<code>\mitTheta</code>	mathematical italic capital theta
U+1D6EA	Ι	Ι	Ι	Ι	Ι		<code>\mitIota</code>	mathematical italic capital iota

USV	L	S	E	P	A	N	Macro	Description
U+1D6EB	Κ	κ	κ	κ	κ	κ	<code>\mitKappa</code>	mathematical italic capital kappa
U+1D6EC	Λ	λ	λ	λ	λ	λ	<code>\mitLambda</code>	mathematical italic capital lambda
U+1D6ED	Μ	μ	μ	μ	μ	μ	<code>\mitMu</code>	mathematical italic capital mu
U+1D6EE	Ν	ν	ν	ν	ν	ν	<code>\mitNu</code>	mathematical italic capital nu
U+1D6EF	Ξ	ξ	ξ	ξ	ξ	ξ	<code>\mitXi</code>	mathematical italic capital xi
U+1D6F0	Ο	ο	ο	ο	ο	ο	<code>\mitOmicron</code>	mathematical italic capital omicron
U+1D6F1	Π	π	π	π	π	π	<code>\mitPi</code>	mathematical italic capital pi
U+1D6F2	Ρ	ρ	ρ	ρ	ρ	ρ	<code>\mitRho</code>	mathematical italic capital rho
U+1D6F3	Θ	θ	θ	θ	θ	θ	<code>\mitvarTheta</code>	mathematical italic capital theta symbol
U+1D6F4	Σ	σ	σ	σ	σ	σ	<code>\mitSigma</code>	mathematical italic capital sigma
U+1D6F5	Τ	τ	τ	τ	τ	τ	<code>\mitTau</code>	mathematical italic capital tau
U+1D6F6	Υ	υ	υ	υ	υ	υ	<code>\mitUpsilon</code>	mathematical italic capital upsilon
U+1D6F7	Φ	φ	φ	φ	φ	φ	<code>\mitPhi</code>	mathematical italic capital phi
U+1D6F8	Χ	χ	χ	χ	χ	χ	<code>\mitChi</code>	mathematical italic capital chi
U+1D6F9	Ψ	ψ	ψ	ψ	ψ	ψ	<code>\mitPsi</code>	mathematical italic capital psi
U+1D6FA	Ω	ω	ω	ω	ω	ω	<code>\mitOmega</code>	mathematical italic capital omega

15.1.6 Italic Greek, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D6FC	α	α	α	α	α	α	<code>\mitalpha</code>	mathematical italic small alpha
U+1D6FD	β	β	β	β	β	β	<code>\mitbeta</code>	mathematical italic small beta

USV	L	S	E	P	A	N	Macro	Description
U+1D6FE	γ	γ	γ	γ	γ		<code>\mitgamma</code>	mathematical italic small γ
U+1D6FF	δ	δ	δ	δ	δ		<code>\mitdelta</code>	mathematical italic small delta
U+1D700	ε	ε	ε	ε	ε		<code>\mitvarepsilon</code>	mathematical italic small varepsilon
U+1D701	ζ	ζ	ζ	ζ	ζ		<code>\mitzeta</code>	mathematical italic small zeta
U+1D702	η	η	η	η	η		<code>\miteta</code>	mathematical italic small eta
U+1D703	θ	θ	θ	θ	θ		<code>\mittheta</code>	mathematical italic small theta
U+1D704	ι	ι	ι	ι	ι		<code>\mitiota</code>	mathematical italic small iota
U+1D705	κ	κ	κ	κ	κ		<code>\mitkappa</code>	mathematical italic small kappa
U+1D706	λ	λ	λ	λ	λ		<code>\mitlambda</code>	mathematical italic small lambda
U+1D707	μ	μ	μ	μ	μ		<code>\mitmu</code>	mathematical italic small mu
U+1D708	ν	ν	ν	ν	ν		<code>\mitnu</code>	mathematical italic small nu
U+1D709	ξ	ξ	ξ	ξ	ξ		<code>\mitxi</code>	mathematical italic small xi
U+1D70A	\omicron	\omicron	\omicron	\omicron	\omicron		<code>\mitomicron</code>	mathematical italic small omicron
U+1D70B	π	π	π	π	π		<code>\mitpi</code>	mathematical italic small pi
U+1D70C	ρ	ρ	ρ	ρ	ρ		<code>\mitrho</code>	mathematical italic small rho
U+1D70D	ς	ς	ς	ς	ς		<code>\mitvarsigma</code>	mathematical italic small final sigma
U+1D70E	σ	σ	σ	σ	σ		<code>\mitsigma</code>	mathematical italic small sigma
U+1D70F	τ	τ	τ	τ	τ		<code>\mittau</code>	mathematical italic small tau
U+1D710	υ	υ	υ	υ	υ		<code>\mitupsilon</code>	mathematical italic small upsilon
U+1D711	φ	φ	φ	φ	ϕ		<code>\mitvarphi</code>	mathematical italic small phi
U+1D712	χ	χ	χ	χ	χ		<code>\mitchi</code>	mathematical italic small chi

USV	L	S	E	P	A	N	Macro	Description
U+1D713	ψ	ψ	Ψ	ψ	ψ		<code>\mitpsi</code>	mathematical italic small psi
U+1D714	ω	ω	ω	ω	ω		<code>\mitomega</code>	mathematical italic small omega
U+1D715	∂	∂	∂	∂	∂		<code>\mitpartial</code>	mathematical italic partial differential
U+1D716	ϵ	ϵ	ϵ	ϵ			<code>\mitepsilon</code>	mathematical italic varepsilon symbol
U+1D717	θ	θ	θ	θ	θ		<code>\mitvartheta</code>	mathematical italic theta symbol
U+1D718	κ	κ	κ	κ	κ		<code>\mitvarkappa</code>	mathematical italic kappa symbol
U+1D719	ϕ	ϕ	ϕ	ϕ	ϕ		<code>\mitphi</code>	mathematical italic phi symbol
U+1D71A	ρ	ρ	ρ	ρ	ρ		<code>\mitvarrho</code>	mathematical italic rho symbol
U+1D71B	ϖ	ϖ	ϖ	ϖ	ϖ		<code>\mitvarpi</code>	mathematical italic pi symbol

15.1.7 Script, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D49C	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	\mathcal{A}	<code>\mscrA</code>	mathematical script capital a
U+1D49E	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	\mathcal{C}	<code>\mscrC</code>	mathematical script capital c
U+1D49F	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	\mathcal{D}	<code>\mscrD</code>	mathematical script capital d
U+1D4A2	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	\mathcal{G}	<code>\mscrG</code>	mathematical script capital g
U+1D4A5	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	\mathcal{J}	<code>\mscrJ</code>	mathematical script capital j
U+1D4A6	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	\mathcal{K}	<code>\mscrK</code>	mathematical script capital k
U+1D4A9	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	\mathcal{N}	<code>\mscrN</code>	mathematical script capital n
U+1D4AA	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	<code>\mscrO</code>	mathematical script capital o
U+1D4AB	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	\mathcal{P}	<code>\mscrP</code>	mathematical script capital p

USV	L	S	E	P	A	N	Macro	Description
U+1D4AC	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<code>\mscrQ</code>	mathematical script capital q
U+1D4AE	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<code>\mscrS</code>	mathematical script capital s
U+1D4AF	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<code>\mscrT</code>	mathematical script capital t
U+1D4B0	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<code>\mscrU</code>	mathematical script capital u
U+1D4B1	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<code>\mscrV</code>	mathematical script capital v
U+1D4B2	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<code>\mscrW</code>	mathematical script capital w
U+1D4B3	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<code>\mscrX</code>	mathematical script capital x
U+1D4B4	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mscrY</code>	mathematical script capital y
U+1D4B5	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<code>\mscrZ</code>	mathematical script capital z

15.1.8 Script, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D4B6	<i>a</i>	<i>a</i>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<i>j</i>	<i>j</i>	<code>\mscrj</code>	mathematical script small j
U+1D4C0	<i>k</i>	<i>k</i>	<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>	<i>l</i>	<i>l</i>	<code>\mscr l</code>	mathematical script small l

USV	L	S	E	P	A	N	Macro	Description
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

15.1.9 Fraktur, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D504	A	A	A	A	A	A	<code>\mfrakA</code>	mathematical fraktur capital a
U+1D505	B	B	B	B	B	B	<code>\mfrakB</code>	mathematical fraktur capital b
U+1D507	D	D	D	D	D	D	<code>\mfrakD</code>	mathematical fraktur capital d
U+1D508	E	E	E	E	E	E	<code>\mfrakE</code>	mathematical fraktur capital e
U+1D509	F	F	F	F	F	F	<code>\mfrakF</code>	mathematical fraktur capital f
U+1D50A	G	G	G	G	G	G	<code>\mfrakG</code>	mathematical fraktur capital g

USV	L	S	E	P	A	N	Macro	Description
U+1D50D	ſ	ſ	ſ	ſ	ſ	ſ	\mfracJ	mathematical fraktur capital j
U+1D50E	ķ	ķ	ķ	ķ	ķ	ķ	\mfracK	mathematical fraktur capital k
U+1D50F	ł	ł	ł	ł	ł	ł	\mfracL	mathematical fraktur capital l
U+1D510	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	\mfracM	mathematical fraktur capital m
U+1D511	ŋ	ŋ	ŋ	ŋ	ŋ	ŋ	\mfracN	mathematical fraktur capital n
U+1D512	o	o	o	o	o	o	\mfracO	mathematical fraktur capital o
U+1D513	ƀ	ƀ	ƀ	ƀ	ƀ	ƀ	\mfracP	mathematical fraktur capital p
U+1D514	q	q	q	q	q	q	\mfracQ	mathematical fraktur capital q
U+1D516	ſ	ſ	ſ	ſ	ſ	ſ	\mfracS	mathematical fraktur capital s
U+1D517	ſ	ſ	ſ	ſ	ſ	ſ	\mfracT	mathematical fraktur capital t
U+1D518	u	u	u	u	u	u	\mfracU	mathematical fraktur capital u
U+1D519	v	v	v	v	v	v	\mfracV	mathematical fraktur capital v
U+1D51A	w	w	w	w	w	w	\mfracW	mathematical fraktur capital w
U+1D51B	x	x	x	x	x	x	\mfracX	mathematical fraktur capital x
U+1D51C	y	y	y	y	y	y	\mfracY	mathematical fraktur capital y

15.1.10 Fraktur, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D51E	ɑ	ɑ	ɑ	ɑ	ɑ	ɑ	\mfraka	mathematical fraktur small a
U+1D51F	ʙ	ʙ	ʙ	ʙ	ʙ	ʙ	\mfrakb	mathematical fraktur small b
U+1D520	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	\mfrakc	mathematical fraktur small c
U+1D521	ɔ	ɔ	ɔ	ɔ	ɔ	ɔ	\mfrakd	mathematical fraktur small d

USV	L	S	E	P	A	N	Macro	Description
U+1D522	Ꞻ	ꞻ	Ꞽ	ꞽ	Ꞿ	ꞿ	\mfrake	mathematical fraktur small e
U+1D523	ꞿ	Ꟁ	ꟁ	Ꟃ	ꟃ	Ꞔ	\mfrakf	mathematical fraktur small f
U+1D524	Ʂ	Ᶎ	Ꟈ	ꟈ	Ꟊ	ꟊ	\mfrakg	mathematical fraktur small g
U+1D525	Ɤ	Ꟍ	ꟍ	꟎	꟏	Ꟑ	\mfrakh	mathematical fraktur small h
U+1D526	ꟑ	꟒	ꟓ	꟔	ꟕ	Ꟗ	\mfraki	mathematical fraktur small i
U+1D527	ꟗ	Ꟙ	ꟙ	Ꟛ	ꟛ	Ƛ	\mfrakj	mathematical fraktur small j
U+1D528	꟝	꟞	꟟	꟠	꟡	꟢	\mfrakk	mathematical fraktur small k
U+1D529	꟣	꟤	꟥	꟦	꟧	꟨	\mfrakl	mathematical fraktur small l
U+1D52A	꟩	꟪	꟫	꟬	꟭	꟮	\mfrakm	mathematical fraktur small m
U+1D52B	꟯	꟰	꟱	ꟲ	ꟳ	ꟴ	\mfrakn	mathematical fraktur small n
U+1D52C	Ꟶ	ꟶ	ꟷ	ꟸ	ꟹ	ꟺ	\mfrako	mathematical fraktur small o
U+1D52D	ꟻ	ꟼ	ꟽ	ꟾ	ꟿ	꟰	\mfrakp	mathematical fraktur small p
U+1D52E	꟱	ꟲ	ꟳ	ꟴ	Ꟶ	ꟶ	\mfrakq	mathematical fraktur small q
U+1D52F	ꟷ	ꟸ	ꟹ	ꟺ	ꟻ	ꟼ	\mfrakr	mathematical fraktur small r
U+1D530	ꟽ	ꟾ	ꟿ	꟰	꟱	ꟲ	\mfraks	mathematical fraktur small s
U+1D531	ꟴ	Ꟶ	ꟶ	ꟷ	ꟸ	ꟹ	\mfrakt	mathematical fraktur small t
U+1D532	ꟶ	ꟷ	ꟸ	ꟹ	꟰	꟱	\mfraku	mathematical fraktur small u
U+1D533	ꟷ	ꟸ	ꟹ	꟰	꟱	ꟲ	\mfrakv	mathematical fraktur small v
U+1D534	ꟸ	ꟹ	꟰	꟱	ꟲ	ꟳ	\mfrakw	mathematical fraktur small w
U+1D535	ꟹ	꟰	꟱	ꟲ	ꟳ	ꟴ	\mfrakx	mathematical fraktur small x
U+1D536	꟱	ꟲ	ꟳ	ꟴ	Ꟶ	ꟶ	\mfraky	mathematical fraktur small y
U+1D537	ꟳ	ꟴ	Ꟶ	ꟶ	ꟷ	ꟸ	\mfrakz	mathematical fraktur small z

15.1.11 Blackboard, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D538	À	Á	Â	Ã	Ä	Å	\BbbA	mathematical double-struck capital a
U+1D539	Ɓ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbB	mathematical double-struck capital b
U+1D53B	Ɗ	Ǝ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbD	mathematical double-struck capital d
U+1D53C	Ǝ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbE	mathematical double-struck capital e
U+1D53D	Ƒ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbF	mathematical double-struck capital f
U+1D53E	Ɠ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbG	mathematical double-struck capital g
U+1D540	Ɣ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbI	mathematical double-struck capital i
U+1D541	ƕ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbJ	mathematical double-struck capital j
U+1D542	ƙ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbK	mathematical double-struck capital k
U+1D543	ƚ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbL	mathematical double-struck capital l
U+1D544	Ɯ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbM	mathematical double-struck capital m
U+1D546	ƞ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbO	mathematical double-struck capital o
U+1D54A	Ƣ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbS	mathematical double-struck capital s
U+1D54B	ƣ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbT	mathematical double-struck capital t
U+1D54C	Ƥ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbU	mathematical double-struck capital u
U+1D54D	ƥ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbV	mathematical double-struck capital v
U+1D54E	Ʀ	Ƀ	Ɔ	Ɖ	Ʉ	Ɇ	\BbbW	mathematical double-struck capital w

USV	L	S	E	P	A	N	Macro	Description
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

15.1.12 Blackboard, Latin, lowercase

USV	L	S	E	P	A	N	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
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

USV	L	S	E	P	A	N	Macro	Description
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	\Bbbr	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

15.1.13 Sans serif, Latin, uppercase

USV	L	S	E	P	A	N	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

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

USV	L	S	E	P	A	N	Macro	Description
U+1D5B7	X	X	X	X	X		<code>\msansX</code>	mathematical sans-serif capital x
U+1D5B8	Y	Y	Y	Y	Y		<code>\msansY</code>	mathematical sans-serif capital y
U+1D5B9	Z	Z	Z	Z	Z		<code>\msansZ</code>	mathematical sans-serif capital z

15.1.14 Sans serif, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D5BA	a	a	a	a	a		<code>\msansa</code>	mathematical sans-serif small a
U+1D5BB	b	b	b	b	b		<code>\msansb</code>	mathematical sans-serif small b
U+1D5BC	c	c	c	c	c		<code>\msansc</code>	mathematical sans-serif small c
U+1D5BD	d	d	d	d	d		<code>\msansd</code>	mathematical sans-serif small d
U+1D5BE	e	e	e	e	e		<code>\msanse</code>	mathematical sans-serif small e
U+1D5BF	f	f	f	f	f		<code>\msansf</code>	mathematical sans-serif small f
U+1D5C0	g	g	g	g	g		<code>\msansg</code>	mathematical sans-serif small g
U+1D5C1	h	h	h	h	h		<code>\msansh</code>	mathematical sans-serif small h
U+1D5C2	i	i	i	i	i		<code>\msansi</code>	mathematical sans-serif small i
U+1D5C3	j	j	j	j	j		<code>\msansj</code>	mathematical sans-serif small j
U+1D5C4	k	k	k	k	k		<code>\msansk</code>	mathematical sans-serif small k
U+1D5C5	l	l	l	l	l		<code>\msansl</code>	mathematical sans-serif small l
U+1D5C6	m	m	m	m	m		<code>\msansm</code>	mathematical sans-serif small m
U+1D5C7	n	n	n	n	n		<code>\msansn</code>	mathematical sans-serif small n
U+1D5C8	o	o	o	o	o		<code>\msanso</code>	mathematical sans-serif small o
U+1D5C9	p	p	p	p	p		<code>\msansp</code>	mathematical sans-serif small p

USV	L	S	E	P	A	N	Macro	Description
U+1D5CA	q	q	q	q	q		<code>\msansq</code>	mathematical sans-serif small q
U+1D5CB	r	r	r	r	r		<code>\msansr</code>	mathematical sans-serif small r
U+1D5CC	s	s	s	s	s		<code>\msanss</code>	mathematical sans-serif small s
U+1D5CD	t	t	t	t	t		<code>\msanst</code>	mathematical sans-serif small t
U+1D5CE	u	u	u	u	u		<code>\msansu</code>	mathematical sans-serif small u
U+1D5CF	v	v	v	v	v		<code>\msansv</code>	mathematical sans-serif small v
U+1D5D0	w	w	w	w	w		<code>\msansw</code>	mathematical sans-serif small w
U+1D5D1	x	x	x	x	x		<code>\msansx</code>	mathematical sans-serif small x
U+1D5D2	y	y	y	y	y		<code>\msansy</code>	mathematical sans-serif small y
U+1D5D3	z	z	z	z	z		<code>\msansz</code>	mathematical sans-serif small z

15.1.15 Italic sans serif, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D608	A	A	A	A	A		<code>\mitsansA</code>	mathematical sans-serif italic capital a
U+1D609	B	B	B	B	B		<code>\mitsansB</code>	mathematical sans-serif italic capital b
U+1D60A	C	C	C	C	C		<code>\mitsansC</code>	mathematical sans-serif italic capital c
U+1D60B	D	D	D	D	D		<code>\mitsansD</code>	mathematical sans-serif italic capital d
U+1D60C	E	E	E	E	E		<code>\mitsansE</code>	mathematical sans-serif italic capital e
U+1D60D	F	F	F	F	F		<code>\mitsansF</code>	mathematical sans-serif italic capital f
U+1D60E	G	G	G	G	G		<code>\mitsansG</code>	mathematical sans-serif italic capital g
U+1D60F	H	H	H	H	H		<code>\mitsansH</code>	mathematical sans-serif italic capital h

USV	L	S	E	P	A	N	Macro	Description
U+1D610	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>		<code>\mitsansI</code>	mathematical sans-serif italic capital i
U+1D611	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>		<code>\mitsansJ</code>	mathematical sans-serif italic capital j
U+1D612	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>		<code>\mitsansK</code>	mathematical sans-serif italic capital k
U+1D613	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>		<code>\mitsansL</code>	mathematical sans-serif italic capital l
U+1D614	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>		<code>\mitsansM</code>	mathematical sans-serif italic capital m
U+1D615	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>		<code>\mitsansN</code>	mathematical sans-serif italic capital n
U+1D616	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>		<code>\mitsansO</code>	mathematical sans-serif italic capital o
U+1D617	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>		<code>\mitsansP</code>	mathematical sans-serif italic capital p
U+1D618	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>		<code>\mitsansQ</code>	mathematical sans-serif italic capital q
U+1D619	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		<code>\mitsansR</code>	mathematical sans-serif italic capital r
U+1D61A	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		<code>\mitsansS</code>	mathematical sans-serif italic capital s
U+1D61B	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<code>\mitsansT</code>	mathematical sans-serif italic capital t
U+1D61C	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<code>\mitsansU</code>	mathematical sans-serif italic capital u
U+1D61D	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<code>\mitsansV</code>	mathematical sans-serif italic capital v
U+1D61E	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<code>\mitsansW</code>	mathematical sans-serif italic capital w
U+1D61F	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<code>\mitsansX</code>	mathematical sans-serif italic capital x
U+1D620	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<code>\mitsansY</code>	mathematical sans-serif italic capital y
U+1D621	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		<code>\mitsansZ</code>	mathematical sans-serif italic capital z

15.1.16 Italic sans serif, Latin, lowercase

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

USV	L	S	E	P	A	N	Macro	Description
U+1D633	<i>r</i>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<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>	<i>z</i>	<code>\mitsansz</code>	mathematical sans-serif italic small z

15.1.17 Typewriter, Latin, uppercase

USV	L	S	E	P	A	N	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
U+1D673	D	D	D	D	D	D	<code>\mttD</code>	mathematical monospace capital d
U+1D674	E	E	E	E	E	E	<code>\mttE</code>	mathematical monospace capital e
U+1D675	F	F	F	F	F	F	<code>\mttF</code>	mathematical monospace capital f

usv	L	S	E	P	A	N	Macro	Description
u+1D676	G	G	G	G	G		<code>\mttG</code>	mathematical monospace capital g
u+1D677	H	H	H	H	H		<code>\mttH</code>	mathematical monospace capital h
u+1D678	I	I	I	I	I		<code>\mttI</code>	mathematical monospace capital i
u+1D679	J	J	J	J	J		<code>\mttJ</code>	mathematical monospace capital j
u+1D67A	K	K	K	K	K		<code>\mttK</code>	mathematical monospace capital k
u+1D67B	L	L	L	L	L		<code>\mttL</code>	mathematical monospace capital l
u+1D67C	M	M	M	M	M		<code>\mttM</code>	mathematical monospace capital m
u+1D67D	N	N	N	N	N		<code>\mttN</code>	mathematical monospace capital n
u+1D67E	O	O	O	O	O		<code>\mttO</code>	mathematical monospace capital o
u+1D67F	P	P	P	P	P		<code>\mttP</code>	mathematical monospace capital p
u+1D680	Q	Q	Q	Q	Q		<code>\mttQ</code>	mathematical monospace capital q
u+1D681	R	R	R	R	R		<code>\mttR</code>	mathematical monospace capital r
u+1D682	S	S	S	S	S		<code>\mttS</code>	mathematical monospace capital s
u+1D683	T	T	T	T	T		<code>\mttT</code>	mathematical monospace capital t
u+1D684	U	U	U	U	U		<code>\mttU</code>	mathematical monospace capital u
u+1D685	V	V	V	V	V		<code>\mttV</code>	mathematical monospace capital v
u+1D686	W	W	W	W	W		<code>\mttW</code>	mathematical monospace capital w

USV	L	S	E	P	A	N	Macro	Description
U+1D687	X	X	X	X	X		<code>\mttX</code>	mathematical monospace capital x
U+1D688	Y	Y	Y	Y	Y		<code>\mttY</code>	mathematical monospace capital y
U+1D689	Z	Z	Z	Z	Z		<code>\mttZ</code>	mathematical monospace capital z

15.1.18 Typewriter, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D68A	a	a	a	a	a		<code>\mtta</code>	mathematical monospace small a
U+1D68B	b	b	b	b	b		<code>\mttb</code>	mathematical monospace small b
U+1D68C	c	c	c	c	c		<code>\mttc</code>	mathematical monospace small c
U+1D68D	d	d	d	d	d		<code>\mttd</code>	mathematical monospace small d
U+1D68E	e	e	e	e	e		<code>\mtte</code>	mathematical monospace small e
U+1D68F	f	f	f	f	f		<code>\mttf</code>	mathematical monospace small f
U+1D690	g	g	g	g	g		<code>\mttg</code>	mathematical monospace small g
U+1D691	h	h	h	h	h		<code>\mtth</code>	mathematical monospace small h
U+1D692	i	i	i	i	i		<code>\mtti</code>	mathematical monospace small i
U+1D693	j	j	j	j	j		<code>\mttj</code>	mathematical monospace small j
U+1D694	k	k	k	k	k		<code>\mttk</code>	mathematical monospace small k
U+1D695	l	l	l	l	l		<code>\mttl</code>	mathematical monospace small l

USV	L	S	E	P	A	N	Macro	Description
U+1D696	m	m	m	m	m		<code>\mttm</code>	mathematical monospace small m
U+1D697	n	n	n	n	n		<code>\mttn</code>	mathematical monospace small n
U+1D698	o	o	o	o	o		<code>\mtto</code>	mathematical monospace small o
U+1D699	p	p	p	p	p		<code>\mttp</code>	mathematical monospace small p
U+1D69A	q	q	q	q	q		<code>\mttq</code>	mathematical monospace small q
U+1D69B	r	r	r	r	r		<code>\mttr</code>	mathematical monospace small r
U+1D69C	s	s	s	s	s		<code>\mtts</code>	mathematical monospace small s
U+1D69D	t	t	t	t	t		<code>\mttt</code>	mathematical monospace small t
U+1D69E	u	u	u	u	u		<code>\mttu</code>	mathematical monospace small u
U+1D69F	v	v	v	v	v		<code>\mttv</code>	mathematical monospace small v
U+1D6A0	w	w	w	w	w		<code>\mttw</code>	mathematical monospace small w
U+1D6A1	x	x	x	x	x		<code>\mttx</code>	mathematical monospace small x
U+1D6A2	y	y	y	y	y		<code>\mtty</code>	mathematical monospace small y
U+1D6A3	z	z	z	z	z		<code>\mttz</code>	mathematical monospace small z

15.2 Bold

15.2.1 Bold, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D400	A	A	A	A	A	A	<code>\mbfA</code>	mathematical bold capital a
U+1D401	B	B	B	B	B	B	<code>\mbfB</code>	mathematical bold capital b

USV	L	S	E	P	A	N	Macro	Description
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
U+1D411	R	R	R	R	R	R	\mbfR	mathematical bold capital r
U+1D412	S	S	S	S	S	S	\mbfS	mathematical bold capital s
U+1D413	T	T	T	T	T	T	\mbfT	mathematical bold capital t
U+1D414	U	U	U	U	U	U	\mbfU	mathematical bold capital u
U+1D415	V	V	V	V	V	V	\mbfV	mathematical bold capital v
U+1D416	W	W	W	W	W	W	\mbfW	mathematical bold capital w
U+1D417	X	X	X	X	X	X	\mbfX	mathematical bold capital x

USV	L	S	E	P	A	N	Macro	Description
U+1D418	Y	Y	Y	Y	Y	Y	\mbfY	mathematical bold capital y
U+1D419	Z	Z	Z	Z	Z	Z	\mbfZ	mathematical bold capital z

15.2.2 Bold, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D41A	a	a	a	a	a	a	\mbfa	mathematical bold small a
U+1D41B	b	b	b	b	b	b	\mbfb	mathematical bold small b
U+1D41C	c	c	c	c	c	c	\mbfc	mathematical bold small c
U+1D41D	d	d	d	d	d	d	\mbfd	mathematical bold small d
U+1D41E	e	e	e	e	e	e	\mbfe	mathematical bold small e
U+1D41F	f	f	f	f	f	f	\mbff	mathematical bold small f
U+1D420	g	g	g	g	g	g	\mbfg	mathematical bold small g
U+1D421	h	h	h	h	h	h	\mbfh	mathematical bold small h
U+1D422	i	i	i	i	i	i	\mbfi	mathematical bold small i
U+1D423	j	j	j	j	j	j	\mbfj	mathematical bold small j
U+1D424	k	k	k	k	k	k	\mbfk	mathematical bold small k
U+1D425	l	l	l	l	l	l	\mbfl	mathematical bold small l
U+1D426	m	m	m	m	m	m	\mbfm	mathematical bold small m
U+1D427	n	n	n	n	n	n	\mbfn	mathematical bold small n
U+1D428	o	o	o	o	o	o	\mbfo	mathematical bold small o
U+1D429	p	p	p	p	p	p	\mbfp	mathematical bold small p
U+1D42A	q	q	q	q	q	q	\mbfq	mathematical bold small q

USV	L	S	E	P	A	N	Macro	Description
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

15.2.3 Bold Greek, uppercase

USV	L	S	E	P	A	N	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
U+1D6AF	Θ	Θ	Θ	Θ	Θ	Θ	<code>\mbfTheta</code>	mathematical bold capital theta
U+1D6B0	Ι	Ι	Ι	Ι	Ι	Ι	<code>\mbfIota</code>	mathematical bold capital iota
U+1D6B1	Κ	Κ	Κ	Κ	Κ	Κ	<code>\mbfKappa</code>	mathematical bold capital kappa

USV	L	S	E	P	A	N	Macro	Description
U+1D6B2	Λ	Λ	Λ	Λ	Λ	Λ	<code>\mbfLambda</code>	mathematical bold capital lambda
U+1D6B3	Μ	Μ	Μ	Μ	Μ	Μ	<code>\mbfMu</code>	mathematical bold capital mu
U+1D6B4	Ν	Ν	Ν	Ν	Ν	Ν	<code>\mbfNu</code>	mathematical bold capital nu
U+1D6B5	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	<code>\mbfXi</code>	mathematical bold capital xi
U+1D6B6	Ο	Ο	Ο	Ο	Ο	Ο	<code>\mbfOmicron</code>	mathematical bold capital omicron
U+1D6B7	Π	Π	Π	Π	Π	Π	<code>\mbfPi</code>	mathematical bold capital pi
U+1D6B8	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	<code>\mbfRho</code>	mathematical bold capital rho
U+1D6B9	Θ	Θ	Θ	Θ	Θ	Θ	<code>\mbfvarTheta</code>	mathematical bold capital theta symbol
U+1D6BA	Σ	Σ	Σ	Σ	Σ	Σ	<code>\mbfSigma</code>	mathematical bold capital sigma
U+1D6BB	Τ	Τ	Τ	Τ	Τ	Τ	<code>\mbfTau</code>	mathematical bold capital tau
U+1D6BC	Υ	Υ	Υ	Υ	Υ	Υ	<code>\mbfUpsilon</code>	mathematical bold capital upsilon
U+1D6BD	Φ	Φ	Φ	Φ	Φ	Φ	<code>\mbfPhi</code>	mathematical bold capital phi
U+1D6BE	Χ	Χ	Χ	Χ	Χ	Χ	<code>\mbfChi</code>	mathematical bold capital chi
U+1D6BF	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	<code>\mbfPsi</code>	mathematical bold capital psi
U+1D6C0	Ω	Ω	Ω	Ω	Ω	Ω	<code>\mbfOmega</code>	mathematical bold capital omega

15.2.4 Bold Greek, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D6C2	α	α	α	α	α	α	<code>\mbfalpha</code>	mathematical bold small alpha
U+1D6C3	β	β	β	β	β	β	<code>\mbfbeta</code>	mathematical bold small beta
U+1D6C4	γ	γ	γ	γ	γ	γ	<code>\mbfgamma</code>	mathematical bold small gamma

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

USV	L	S	E	P	A	N	Macro	Description
U+1D6DA	Ω	Ω	Ω	Ω	Ω	Ω	<code>\mbfomega</code>	mathematical bold small omega
U+1D6DB	∂	∂	∂	∂	∂	∂	<code>\mbfpartial</code>	mathematical bold partial differential
U+1D6DC	ε	ε	ε	ε	ε	ε	<code>\mbfepsilon</code>	mathematical bold varepsilon symbol
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	ω	ω	ω	ω	ω	ω	<code>\mbfvarpi</code>	mathematical bold pi symbol

15.2.5 Bold italic, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D468	A	A	A	A	A	A	<code>\mbfitA</code>	mathematical bold italic capital a
U+1D469	B	B	B	B	B	B	<code>\mbfitB</code>	mathematical bold italic capital b
U+1D46A	C	C	C	C	C	C	<code>\mbfitC</code>	mathematical bold italic capital c
U+1D46B	D	D	D	D	D	D	<code>\mbfitD</code>	mathematical bold italic capital d
U+1D46C	E	E	E	E	E	E	<code>\mbfitE</code>	mathematical bold italic capital e
U+1D46D	F	F	F	F	F	F	<code>\mbfitF</code>	mathematical bold italic capital f
U+1D46E	G	G	G	G	G	G	<code>\mbfitG</code>	mathematical bold italic capital g
U+1D46F	H	H	H	H	H	H	<code>\mbfitH</code>	mathematical bold italic capital h

USV	L	S	E	P	A	N	Macro	Description
U+1D470	I	I	I	I	I		\mbfitI	mathematical bold italic capital i
U+1D471	J	J	J	J	J		\mbfitJ	mathematical bold italic capital j
U+1D472	K	K	K	K	K		\mbfitK	mathematical bold italic capital k
U+1D473	L	L	L	L	L		\mbfitL	mathematical bold italic capital l
U+1D474	M	M	M	M	M		\mbfitM	mathematical bold italic capital m
U+1D475	N	N	N	N	N		\mbfitN	mathematical bold italic capital n
U+1D476	O	O	O	O	O		\mbfitO	mathematical bold italic capital o
U+1D477	P	P	P	P	P		\mbfitP	mathematical bold italic capital p
U+1D478	Q	Q	Q	Q	Q		\mbfitQ	mathematical bold italic capital q
U+1D479	R	R	R	R	R		\mbfitR	mathematical bold italic capital r
U+1D47A	S	S	S	S	S		\mbfitS	mathematical bold italic capital s
U+1D47B	T	T	T	T	T		\mbfitT	mathematical bold italic capital t
U+1D47C	U	U	U	U	U		\mbfitU	mathematical bold italic capital u
U+1D47D	V	V	V	V	V		\mbfitV	mathematical bold italic capital v
U+1D47E	W	W	W	W	W		\mbfitW	mathematical bold italic capital w
U+1D47F	X	X	X	X	X		\mbfitX	mathematical bold italic capital x
U+1D480	Y	Y	Y	Y	Y		\mbfitY	mathematical bold italic capital y
U+1D481	Z	Z	Z	Z	Z		\mbfitZ	mathematical bold italic capital z

usv	L	S	E	P	A	N	Macro	Description
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15.2.6 Bold italic, Latin, lowercase

usv	L	S	E	P	A	N	Macro	Description
U+1D482	a	a	a	a	a	a	<code>\mbfita</code>	mathematical bold italic small a
U+1D483	b	b	b	b	b	b	<code>\mbfitb</code>	mathematical bold italic small b
U+1D484	c	c	c	c	c	c	<code>\mbfitc</code>	mathematical bold italic small c
U+1D485	d	d	d	d	d	d	<code>\mbfitd</code>	mathematical bold italic small d
U+1D486	e	e	e	e	e	e	<code>\mbfite</code>	mathematical bold italic small e
U+1D487	f	f	f	f	f	f	<code>\mbfitf</code>	mathematical bold italic small f
U+1D488	g	g	g	g	g	g	<code>\mbfitg</code>	mathematical bold italic small g
U+1D489	h	h	h	h	h	h	<code>\mbfith</code>	mathematical bold italic small h
U+1D48A	i	i	i	i	i	i	<code>\mbfiti</code>	mathematical bold italic small i
U+1D48B	j	j	j	j	j	j	<code>\mbfitj</code>	mathematical bold italic small j
U+1D48C	k	k	k	k	k	k	<code>\mbfitk</code>	mathematical bold italic small k
U+1D48D	l	l	l	l	l	l	<code>\mbfitl</code>	mathematical bold italic small l
U+1D48E	m	m	m	m	m	m	<code>\mbfitm</code>	mathematical bold italic small $\frac{m}{m}$
U+1D48F	n	n	n	n	n	n	<code>\mbfitn</code>	mathematical bold italic small n
U+1D490	o	o	o	o	o	o	<code>\mbfito</code>	mathematical bold italic small o
U+1D491	p	p	p	p	p	p	<code>\mbfitp</code>	mathematical bold italic small p
U+1D492	q	q	q	q	q	q	<code>\mbfitq</code>	mathematical bold italic small q
U+1D493	r	r	r	r	r	r	<code>\mbfitr</code>	mathematical bold italic small r
U+1D494	s	s	s	s	s	s	<code>\mbfits</code>	mathematical bold italic small s

USV	L	S	E	P	A	N	Macro	Description
U+1D495	t	t	t	t	t		<code>\mbfitt</code>	mathematical bold italic small t
U+1D496	u	u	u	u	u		<code>\mbfitu</code>	mathematical bold italic small u
U+1D497	v	v	v	v	v		<code>\mbfitv</code>	mathematical bold italic small v
U+1D498	w	w	w	w	w		<code>\mbfitw</code>	mathematical bold italic small w
U+1D499	x	x	x	x	x		<code>\mbfitx</code>	mathematical bold italic small x
U+1D49A	y	y	y	y	y		<code>\mbfity</code>	mathematical bold italic small y
U+1D49B	z	z	z	z	z		<code>\mbfitz</code>	mathematical bold italic small z

15.2.7 Bold italic Greek, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D71C	Α	Α	Α	Α	Α		<code>\mbfitAlpha</code>	mathematical bold italic capital alpha
U+1D71D	Β	Β	Β	Β	Β		<code>\mbfitBeta</code>	mathematical bold italic capital beta
U+1D71E	Γ	Γ	Γ	Γ	Γ		<code>\mbfitGamma</code>	mathematical bold italic capital gamma
U+1D71F	Δ	Δ	Δ	Δ	Δ		<code>\mbfitDelta</code>	mathematical bold italic capital delta
U+1D720	Ε	Ε	Ε	Ε	Ε		<code>\mbfitEpsilon</code>	mathematical bold italic capital epsilon
U+1D721	Ζ	Ζ	Ζ	Ζ	Ζ		<code>\mbfitZeta</code>	mathematical bold italic capital zeta
U+1D722	Η	Η	Η	Η	Η		<code>\mbfitEta</code>	mathematical bold italic capital eta
U+1D723	Θ	Θ	Θ	Θ	Θ		<code>\mbfitTheta</code>	mathematical bold italic capital theta
U+1D724	Ι	Ι	Ι	Ι	Ι		<code>\mbfitIota</code>	mathematical bold italic capital iota
U+1D725	Κ	Κ	Κ	Κ	Κ		<code>\mbfitKappa</code>	mathematical bold italic capital kappa

USV	L	S	E	P	A	N	Macro	Description
U+1D726	Λ	Λ	Λ	Λ	Λ		<code>\mbfitLambda</code>	mathematical bold italic capital lambda
U+1D727	Μ	Μ	Μ	Μ	Μ		<code>\mbfitMu</code>	mathematical bold italic capital mu
U+1D728	Ν	Ν	Ν	Ν	Ν		<code>\mbfitNu</code>	mathematical bold italic capital nu
U+1D729	Ξ	Ξ	Ξ	Ξ	Ξ		<code>\mbfitXi</code>	mathematical bold italic capital xi
U+1D72A	Ο	Ο	Ο	Ο	Ο		<code>\mbfitOmicron</code>	mathematical bold italic capital omicron
U+1D72B	Π	Π	Π	Π	Π		<code>\mbfitPi</code>	mathematical bold italic capital pi
U+1D72C	Ρ	Ρ	Ρ	Ρ	Ρ		<code>\mbfitRho</code>	mathematical bold italic capital rho
U+1D72D	Θ	Θ	Θ	Θ	Θ		<code>\mbfitvarTheta</code>	mathematical bold italic capital theta symbol
U+1D72E	Σ	Σ	Σ	Σ	Σ		<code>\mbfitSigma</code>	mathematical bold italic capital sigma
U+1D72F	Τ	Τ	Τ	Τ	Τ		<code>\mbfitTau</code>	mathematical bold italic capital tau
U+1D730	Υ	Υ	Υ	Υ	Υ		<code>\mbfitUpsilon</code>	mathematical bold italic capital upsilon
U+1D731	Φ	Φ	Φ	Φ	Φ		<code>\mbfitPhi</code>	mathematical bold italic capital phi
U+1D732	Χ	Χ	Χ	Χ	Χ		<code>\mbfitChi</code>	mathematical bold italic capital chi
U+1D733	Ψ	Ψ	Ψ	Ψ	Ψ		<code>\mbfitPsi</code>	mathematical bold italic capital psi
U+1D734	Ω	Ω	Ω	Ω	Ω		<code>\mbfitOmega</code>	mathematical bold italic capital omega

15.2.8 Bold italic Greek, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D736	α	α	α	α	α		<code>\mbfitalpha</code>	mathematical bold italic small alpha
U+1D737	β	β	β	β	β		<code>\mbfitbeta</code>	mathematical bold italic small beta
U+1D738	γ	γ	γ	γ	γ		<code>\mbfitgamma</code>	mathematical bold italic small gamma
U+1D739	δ	δ	δ	δ	δ		<code>\mbfitdelta</code>	mathematical bold italic small delta
U+1D73A	ϵ	ϵ	ϵ	ϵ	ϵ		<code>\mbfitvarepsilon</code>	mathematical bold italic small varepsilon
U+1D73B	ζ	ζ	ζ	ζ	ζ		<code>\mbfitzeta</code>	mathematical bold italic small zeta
U+1D73C	η	η	η	η	η		<code>\mbfiteta</code>	mathematical bold italic small eta
U+1D73D	θ	θ	θ	θ	θ		<code>\mbfittheta</code>	mathematical bold italic small theta
U+1D73E	ι	ι	ι	ι	ι		<code>\mbfitiota</code>	mathematical bold italic small iota
U+1D73F	κ	κ	κ	κ	κ		<code>\mbfitkappa</code>	mathematical bold italic small kappa
U+1D740	λ	λ	λ	λ	λ		<code>\mbfitlambda</code>	mathematical bold italic small lambda
U+1D741	μ	μ	μ	μ	μ		<code>\mbfitmu</code>	mathematical bold italic small mu
U+1D742	ν	ν	ν	ν	ν		<code>\mbfitnu</code>	mathematical bold italic small nu
U+1D743	ξ	ξ	ξ	ξ	ξ		<code>\mbfitxi</code>	mathematical bold italic small xi
U+1D744	\omicron	\omicron	\omicron	\omicron	\omicron		<code>\mbfitomicron</code>	mathematical bold italic small omicron
U+1D745	π	π	π	π	π		<code>\mbfitpi</code>	mathematical bold italic small pi
U+1D746	ρ	ρ	ρ	ρ	ρ		<code>\mbfitrho</code>	mathematical bold italic small rho
U+1D747	ς	ς	ς	ς	ς		<code>\mbfitvarsigma</code>	mathematical bold italic small final sigma
U+1D748	σ	σ	σ	σ	σ		<code>\mbfitsigma</code>	mathematical bold italic small sigma

USV	L	S	E	P	A	N	Macro	Description
U+1D749	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$		<code>\mbfittau</code>	mathematical bold italic small tau
U+1D74A	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$		<code>\mbfitupsilon</code>	mathematical bold italic small upsilon
U+1D74B	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$		<code>\mbfitvarphi</code>	mathematical bold italic small phi
U+1D74C	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$		<code>\mbfitchi</code>	mathematical bold italic small chi
U+1D74D	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$		<code>\mbfitpsi</code>	mathematical bold italic small psi
U+1D74E	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$		<code>\mbfitomega</code>	mathematical bold italic small omega
U+1D74F	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$		<code>\mbfitpartial</code>	mathematical bold italic partial differential
U+1D750	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$		<code>\mbfitepsilon</code>	mathematical bold italic varepsilon symbol
U+1D751	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$		<code>\mbfitvartheta</code>	mathematical bold italic theta symbol
U+1D752	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$		<code>\mbfitvarkappa</code>	mathematical bold italic kappa symbol
U+1D753	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$		<code>\mbfitphi</code>	mathematical bold italic phi symbol
U+1D754	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$		<code>\mbfitvarrho</code>	mathematical bold italic rho symbol
U+1D755	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$		<code>\mbfitvarpi</code>	mathematical bold italic pi symbol

15.2.9 Bold script, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D4D0	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	<code>\mbfscrA</code>	mathematical bold script capital a
U+1D4D1	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	<code>\mbfscrB</code>	mathematical bold script capital b
U+1D4D2	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	<code>\mbfscrC</code>	mathematical bold script capital c

USV	L	S	E	P	A	N	Macro	Description
U+1D4D3	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<code>\mbfscrD</code>	mathematical bold script capital d
U+1D4D4	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<code>\mbfscrE</code>	mathematical bold script capital e
U+1D4D5	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<i>F</i>	<code>\mbfscrF</code>	mathematical bold script capital f
U+1D4D6	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<code>\mbfscrG</code>	mathematical bold script capital g
U+1D4D7	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<code>\mbfscrH</code>	mathematical bold script capital h
U+1D4D8	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<i>I</i>	<code>\mbfscrI</code>	mathematical bold script capital i
U+1D4D9	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<i>J</i>	<code>\mbfscrJ</code>	mathematical bold script capital j
U+1D4DA	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<code>\mbfscrK</code>	mathematical bold script capital k
U+1D4DB	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	<code>\mbfscrL</code>	mathematical bold script capital l
U+1D4DC	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<code>\mbfscrM</code>	mathematical bold script capital m
U+1D4DD	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>N</i>	<code>\mbfscrN</code>	mathematical bold script capital n
U+1D4DE	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<i>O</i>	<code>\mbfscrO</code>	mathematical bold script capital o
U+1D4DF	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<code>\mbfscrP</code>	mathematical bold script capital p
U+1D4E0	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<i>Q</i>	<code>\mbfscrQ</code>	mathematical bold script capital q
U+1D4E1	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<code>\mbfscrR</code>	mathematical bold script capital r
U+1D4E2	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<code>\mbfscrS</code>	mathematical bold script capital s
U+1D4E3	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<code>\mbfscrT</code>	mathematical bold script capital t
U+1D4E4	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<code>\mbfscrU</code>	mathematical bold script capital u

USV	L	S	E	P	A	N	Macro	Description
U+1D4E5	<i>V</i>	<i>v</i>	<i>V</i>	<i>U</i>	<i>V</i>	<i>V</i>	<code>\mbfscrV</code>	mathematical bold script capital v
U+1D4E6	<i>W</i>	<i>w</i>	<i>W</i>	<i>U</i>	<i>W</i>	<i>W</i>	<code>\mbfscrW</code>	mathematical bold script capital w
U+1D4E7	<i>X</i>	<i>x</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<code>\mbfscrX</code>	mathematical bold script capital x
U+1D4E8	<i>Y</i>	<i>y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<code>\mbfscrY</code>	mathematical bold script capital y
U+1D4E9	<i>Z</i>	<i>z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<code>\mbfscrZ</code>	mathematical bold script capital z

15.2.10 Bold script, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D4EA	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<code>\mbfscra</code>	mathematical bold script small a
U+1D4EB	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<i>b</i>	<code>\mbfscrb</code>	mathematical bold script small b
U+1D4EC	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<i>c</i>	<code>\mbfscrc</code>	mathematical bold script small c
U+1D4ED	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<i>d</i>	<code>\mbfscrd</code>	mathematical bold script small d
U+1D4EE	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<i>e</i>	<code>\mbfscree</code>	mathematical bold script small e
U+1D4EF	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<code>\mbfscrf</code>	mathematical bold script small f
U+1D4F0	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<code>\mbfscrg</code>	mathematical bold script small g
U+1D4F1	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<code>\mbfscrh</code>	mathematical bold script small h
U+1D4F2	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<code>\mbfscri</code>	mathematical bold script small i
U+1D4F3	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<i>j</i>	<code>\mbfscrj</code>	mathematical bold script small j
U+1D4F4	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<i>k</i>	<code>\mbfscrk</code>	mathematical bold script small k

USV	L	S	E	P	A	N	Macro	Description
U+1D4F5	<i>l</i>	<i>l</i>	<i>l</i>	<i>l</i>			<code>\mbfscr1</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>\mbfscrx</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

15.2.11 Bold fraktur, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D56C	A	A	A	A	A	A	<code>\mbffrakA</code>	mathematical bold fraktur capital a

USV	L	S	E	P	A	N	Macro	Description
U+1D56D							<code>\mbffrakB</code>	mathematical bold fraktur capital b
U+1D56E							<code>\mbffrakC</code>	mathematical bold fraktur capital c
U+1D56F							<code>\mbffrakD</code>	mathematical bold fraktur capital d
U+1D570							<code>\mbffrakE</code>	mathematical bold fraktur capital e
U+1D571							<code>\mbffrakF</code>	mathematical bold fraktur capital f
U+1D572							<code>\mbffrakG</code>	mathematical bold fraktur capital g
U+1D573							<code>\mbffrakH</code>	mathematical bold fraktur capital h
U+1D574							<code>\mbffrakI</code>	mathematical bold fraktur capital i
U+1D575							<code>\mbffrakJ</code>	mathematical bold fraktur capital j
U+1D576							<code>\mbffrakK</code>	mathematical bold fraktur capital k
U+1D577							<code>\mbffrakL</code>	mathematical bold fraktur capital l
U+1D578							<code>\mbffrakM</code>	mathematical bold fraktur capital m
U+1D579							<code>\mbffrakN</code>	mathematical bold fraktur capital n
U+1D57A							<code>\mbffrakO</code>	mathematical bold fraktur capital o
U+1D57B							<code>\mbffrakP</code>	mathematical bold fraktur capital p
U+1D57C							<code>\mbffrakQ</code>	mathematical bold fraktur capital q
U+1D57D							<code>\mbffrakR</code>	mathematical bold fraktur capital r
U+1D57E							<code>\mbffrakS</code>	mathematical bold fraktur capital s

USV	L	S	E	P	A	N	Macro	Description
U+1D57F	Ƨ	Ƨ	Ƨ	Ƨ	Ƨ	Ƨ	<code>\mbffrakT</code>	mathematical bold fraktur capital t
U+1D580	ƨ	ƨ	ƨ	ƨ	ƨ	ƨ	<code>\mbffrakU</code>	mathematical bold fraktur capital u
U+1D581	Ʃ	Ʃ	Ʃ	Ʃ	Ʃ	Ʃ	<code>\mbffrakV</code>	mathematical bold fraktur capital v
U+1D582	ƪ	ƪ	ƪ	ƪ	ƪ	ƪ	<code>\mbffrakW</code>	mathematical bold fraktur capital w
U+1D583	ƫ	ƫ	ƫ	ƫ	ƫ	ƫ	<code>\mbffrakX</code>	mathematical bold fraktur capital x
U+1D584	Ƭ	Ƭ	Ƭ	Ƭ	Ƭ	Ƭ	<code>\mbffrakY</code>	mathematical bold fraktur capital y
U+1D585	Ƶ	Ƶ	Ƶ	Ƶ	Ƶ	Ƶ	<code>\mbffrakZ</code>	mathematical bold fraktur capital z

15.2.12 Bold fraktur, Latin, lowercase

USV	L	S	E	P	A	N	Macro	Description
U+1D586	ɑ	ɑ	ɑ	ɑ	ɑ	ɑ	<code>\mbffraka</code>	mathematical bold fraktur small a
U+1D587	ʙ	ʙ	ʙ	ʙ	ʙ	ʙ	<code>\mbffrakb</code>	mathematical bold fraktur small b
U+1D588	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	<code>\mbffrakc</code>	mathematical bold fraktur small c
U+1D589	ɀ	ɀ	ɀ	ɀ	ɀ	ɀ	<code>\mbffrakd</code>	mathematical bold fraktur small d
U+1D58A	Ɂ	Ɂ	Ɂ	Ɂ	Ɂ	Ɂ	<code>\mbffrake</code>	mathematical bold fraktur small e
U+1D58B	Ƀ	Ƀ	Ƀ	Ƀ	Ƀ	Ƀ	<code>\mbffrakf</code>	mathematical bold fraktur small f
U+1D58C	Ʉ	Ʉ	Ʉ	Ʉ	Ʉ	Ʉ	<code>\mbffrakg</code>	mathematical bold fraktur small g
U+1D58D	Ɇ	Ɇ	Ɇ	Ɇ	Ɇ	Ɇ	<code>\mbffrakh</code>	mathematical bold fraktur small h
U+1D58E	ɇ	ɇ	ɇ	ɇ	ɇ	ɇ	<code>\mbffraki</code>	mathematical bold fraktur small i

USV	L	S	E	P	A	N	Macro	Description
U+1D58F	j	j	j	j	j	j	<code>\mbffrakj</code>	mathematical bold fraktur small \mathfrak{j}
U+1D590	k	k	k	k	k	k	<code>\mbffrakk</code>	mathematical bold fraktur small \mathfrak{k}
U+1D591	l	l	l	l	l	l	<code>\mbffrakl</code>	mathematical bold fraktur small \mathfrak{l}
U+1D592	m	m	m	m	m	m	<code>\mbffrakm</code>	mathematical bold fraktur small \mathfrak{m}
U+1D593	n	n	n	n	n	n	<code>\mbffrakn</code>	mathematical bold fraktur small \mathfrak{n}
U+1D594	o	o	o	o	o	o	<code>\mbffrako</code>	mathematical bold fraktur small \mathfrak{o}
U+1D595	p	p	p	p	p	p	<code>\mbffrakp</code>	mathematical bold fraktur small \mathfrak{p}
U+1D596	q	q	q	q	q	q	<code>\mbffrakq</code>	mathematical bold fraktur small \mathfrak{q}
U+1D597	r	r	r	r	r	r	<code>\mbffrakr</code>	mathematical bold fraktur small \mathfrak{r}
U+1D598	s	s	s	s	s	s	<code>\mbffraks</code>	mathematical bold fraktur small \mathfrak{s}
U+1D599	t	t	t	t	t	t	<code>\mbffrakt</code>	mathematical bold fraktur small \mathfrak{t}
U+1D59A	u	u	u	u	u	u	<code>\mbffraku</code>	mathematical bold fraktur small \mathfrak{u}
U+1D59B	v	v	v	v	v	v	<code>\mbffrakv</code>	mathematical bold fraktur small \mathfrak{v}
U+1D59C	w	w	w	w	w	w	<code>\mbffrakw</code>	mathematical bold fraktur small \mathfrak{w}
U+1D59D	x	x	x	x	x	x	<code>\mbffrakx</code>	mathematical bold fraktur small \mathfrak{x}
U+1D59E	y	y	y	y	y	y	<code>\mbffraky</code>	mathematical bold fraktur small \mathfrak{y}
U+1D59F	z	z	z	z	z	z	<code>\mbffrakz</code>	mathematical bold fraktur small \mathfrak{z}

15.2.13 Bold sans serif, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D5D4	A	A	A	A	A		<code>\mbfsansA</code>	mathematical sans-serif bold capital a
U+1D5D5	B	B	B	B	B		<code>\mbfsansB</code>	mathematical sans-serif bold capital b
U+1D5D6	C	C	C	C	C		<code>\mbfsansC</code>	mathematical sans-serif bold capital c
U+1D5D7	D	D	D	D	D		<code>\mbfsansD</code>	mathematical sans-serif bold capital d
U+1D5D8	E	E	E	E	E		<code>\mbfsansE</code>	mathematical sans-serif bold capital e
U+1D5D9	F	F	F	F	F		<code>\mbfsansF</code>	mathematical sans-serif bold capital f
U+1D5DA	G	G	G	G	G		<code>\mbfsansG</code>	mathematical sans-serif bold capital g
U+1D5DB	H	H	H	H	H		<code>\mbfsansH</code>	mathematical sans-serif bold capital h
U+1D5DC	I	I	I	I	I		<code>\mbfsansI</code>	mathematical sans-serif bold capital i
U+1D5DD	J	J	J	J	J		<code>\mbfsansJ</code>	mathematical sans-serif bold capital j
U+1D5DE	K	K	K	K	K		<code>\mbfsansK</code>	mathematical sans-serif bold capital k
U+1D5DF	L	L	L	L	L		<code>\mbfsansL</code>	mathematical sans-serif bold capital l
U+1D5E0	M	M	M	M	M		<code>\mbfsansM</code>	mathematical sans-serif bold capital m
U+1D5E1	N	N	N	N	N		<code>\mbfsansN</code>	mathematical sans-serif bold capital n
U+1D5E2	O	O	O	O	O		<code>\mbfsansO</code>	mathematical sans-serif bold capital o
U+1D5E3	P	P	P	P	P		<code>\mbfsansP</code>	mathematical sans-serif bold capital p
U+1D5E4	Q	Q	Q	Q	Q		<code>\mbfsansQ</code>	mathematical sans-serif bold capital q
U+1D5E5	R	R	R	R	R		<code>\mbfsansR</code>	mathematical sans-serif bold capital r

USV	L	S	E	P	A	N	Macro	Description
U+1D5E6	S	S	S	S	S		<code>\mbfsansS</code>	mathematical sans-serif bold capital s
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

15.2.14 Bold sans serif, Latin, lowercase

USV	L	S	E	P	A	N	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

USV	L	S	E	P	A	N	Macro	Description
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
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

15.2.15 Bold italic sans serif, Latin, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D63C	A	A	A	A	A	A	<code>\mbfitsansA</code>	mathematical sans-serif bold italic capital a
U+1D63D	B	B	B	B	B	B	<code>\mbfitsansB</code>	mathematical sans-serif bold italic capital b
U+1D63E	C	C	C	C	C	C	<code>\mbfitsansC</code>	mathematical sans-serif bold italic capital c
U+1D63F	D	D	D	D	D	D	<code>\mbfitsansD</code>	mathematical sans-serif bold italic capital d
U+1D640	E	E	E	E	E	E	<code>\mbfitsansE</code>	mathematical sans-serif bold italic capital e
U+1D641	F	F	F	F	F	F	<code>\mbfitsansF</code>	mathematical sans-serif bold italic capital f
U+1D642	G	G	G	G	G	G	<code>\mbfitsansG</code>	mathematical sans-serif bold italic capital g
U+1D643	H	H	H	H	H	H	<code>\mbfitsansH</code>	mathematical sans-serif bold italic capital h
U+1D644	I	I	I	I	I	I	<code>\mbfitsansI</code>	mathematical sans-serif bold italic capital i
U+1D645	J	J	J	J	J	J	<code>\mbfitsansJ</code>	mathematical sans-serif bold italic capital j
U+1D646	K	K	K	K	K	K	<code>\mbfitsansK</code>	mathematical sans-serif bold italic capital k
U+1D647	L	L	L	L	L	L	<code>\mbfitsansL</code>	mathematical sans-serif bold italic capital l
U+1D648	M	M	M	M	M	M	<code>\mbfitsansM</code>	mathematical sans-serif bold italic capital m
U+1D649	N	N	N	N	N	N	<code>\mbfitsansN</code>	mathematical sans-serif bold italic capital n
U+1D64A	O	O	O	O	O	O	<code>\mbfitsansO</code>	mathematical sans-serif bold italic capital o
U+1D64B	P	P	P	P	P	P	<code>\mbfitsansP</code>	mathematical sans-serif bold italic capital p
U+1D64C	Q	Q	Q	Q	Q	Q	<code>\mbfitsansQ</code>	mathematical sans-serif bold italic capital q

USV	L	S	E	P	A	N	Macro	Description
U+1D64D	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		<code>\mbfitsansR</code>	mathematical sans-serif bold italic capital r
U+1D64E	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>		<code>\mbfitsansS</code>	mathematical sans-serif bold italic capital s
U+1D64F	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>		<code>\mbfitsansT</code>	mathematical sans-serif bold italic capital t
U+1D650	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>		<code>\mbfitsansU</code>	mathematical sans-serif bold italic capital u
U+1D651	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>		<code>\mbfitsansV</code>	mathematical sans-serif bold italic capital v
U+1D652	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>		<code>\mbfitsansW</code>	mathematical sans-serif bold italic capital w
U+1D653	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<code>\mbfitsansX</code>	mathematical sans-serif bold italic capital x
U+1D654	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>		<code>\mbfitsansY</code>	mathematical sans-serif bold italic capital y
U+1D655	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>	<i>Z</i>		<code>\mbfitsansZ</code>	mathematical sans-serif bold italic capital z

15.2.16 Bold italic sans serif, Latin, lowercase

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

USV	L	S	E	P	A	N	Macro	Description
U+1D65D	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>	<i>h</i>		<code>\mbf fitsansh</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>\mbf fitsansi</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>\mbf fitsansj</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>\mbf fitsansk</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>\mbf fitsansl</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>\mbf fitsansm</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>\mbf fitsansn</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>\mbf fitsanso</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>\mbf fitsansp</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>\mbf fitsansq</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>\mbf fitsansr</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>\mbf fitsanss</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>\mbf fitsanst</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>\mbf fitsansu</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>\mbf fitsansv</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>\mbf fitsansw</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>\mbf fitsansx</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>\mbf fitsansy</code>	mathematical sans-serif bold italic small y

USV	L	S	E	P	A	N	Macro	Description
U+1D66F	z	z	z	z	z		<code>\mbfitsansz</code>	mathematical sans-serif bold italic small z

15.2.17 Bold sans serif Greek, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D756	A	A	A	A	A		<code>\mbfsansAlpha</code>	mathematical sans-serif bold capital alpha
U+1D757	B	B	B	B	B		<code>\mbfsansBeta</code>	mathematical sans-serif bold capital beta
U+1D758	Γ	Γ	Γ	Γ	Γ		<code>\mbfsansGamma</code>	mathematical sans-serif bold capital gamma
U+1D759	Δ	Δ	Δ	Δ	Δ		<code>\mbfsansDelta</code>	mathematical sans-serif bold capital delta
U+1D75A	E	E	E	E	E		<code>\mbfsansEpsilon</code>	mathematical sans-serif bold capital epsilon
U+1D75B	Z	Z	Z	Z	Z		<code>\mbfsansZeta</code>	mathematical sans-serif bold capital zeta
U+1D75C	H	H	H	H	H		<code>\mbfsansEta</code>	mathematical sans-serif bold capital eta
U+1D75D	Θ	Θ	Θ	Θ	Θ		<code>\mbfsansTheta</code>	mathematical sans-serif bold capital theta
U+1D75E	I	I	I	I	I		<code>\mbfsansIota</code>	mathematical sans-serif bold capital iota
U+1D75F	K	K	K	K	K		<code>\mbfsansKappa</code>	mathematical sans-serif bold capital kappa
U+1D760	Λ	Λ	Λ	Λ	Λ		<code>\mbfsansLambda</code>	mathematical sans-serif bold capital lambda
U+1D761	M	M	M	M	M		<code>\mbfsansMu</code>	mathematical sans-serif bold capital mu
U+1D762	N	N	N	N	N		<code>\mbfsansNu</code>	mathematical sans-serif bold capital nu
U+1D763	Ξ	Ξ	Ξ	Ξ	Ξ		<code>\mbfsansXi</code>	mathematical sans-serif bold capital xi
U+1D764	O	O	O	O	O		<code>\mbfsansOmicron</code>	mathematical sans-serif bold capital omicron

USV	L	S	E	P	A	N	Macro	Description
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
U+1D76E	Ω	Ω	Ω	Ω	Ω		\mbfsansOmega	mathematical sans-serif bold capital omega

15.2.18 Bold sans serif Greek, lowercase

USV	L	S	E	P	A	N	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

USV	L	S	E	P	A	N	Macro	Description
U+1D776	Œ	Œ	Œ	Œ	Œ		\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
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

USV	L	S	E	P	A	N	Macro	Description
U+1D788	Ω	Ω	Ω	Ω	Ω		<code>\mbfsansomega</code>	mathematical sans-serif bold small omega
U+1D789	∂	∂	∂	∂	∂		<code>\mbfsanspartial</code>	mathematical sans-serif bold partial differential
U+1D78A	ε	ε	ε	ε	ε		<code>\mbfsansepsilon</code>	mathematical sans-serif bold varepsilon symbol
U+1D78B	ϑ	ϑ	ϑ	ϑ	ϑ		<code>\mbfsansvartheta</code>	mathematical sans-serif bold theta symbol
U+1D78C	κ	κ	κ	κ	κ		<code>\mbfsansvarkappa</code>	mathematical sans-serif bold kappa symbol
U+1D78D	φ	φ	φ	φ	φ		<code>\mbfsansphi</code>	mathematical sans-serif bold phi symbol
U+1D78E	ρ	ρ	ρ	ρ	ρ		<code>\mbfsansvarrho</code>	mathematical sans-serif bold rho symbol
U+1D78F	ω	ω	ω	ω	ω		<code>\mbfsansvarpi</code>	mathematical sans-serif bold pi symbol

15.2.19 Bold italic sans serif Greek, uppercase

USV	L	S	E	P	A	N	Macro	Description
U+1D790	Α	Α	Α	Α	Α		<code>\mbfitsansAlpha</code>	mathematical sans-serif bold italic capital alpha
U+1D791	Β	Β	Β	Β	Β		<code>\mbfitsansBeta</code>	mathematical sans-serif bold italic capital beta
U+1D792	Γ	Γ	Γ	Γ	Γ		<code>\mbfitsansGamma</code>	mathematical sans-serif bold italic capital gamma
U+1D793	Δ	Δ	Δ	Δ	Δ		<code>\mbfitsansDelta</code>	mathematical sans-serif bold italic capital delta
U+1D794	Ε	Ε	Ε	Ε	Ε		<code>\mbfitsansEpsilon</code>	mathematical sans-serif bold italic capital epsilon
U+1D795	Ζ	Ζ	Ζ	Ζ	Ζ		<code>\mbfitsansZeta</code>	mathematical sans-serif bold italic capital zeta
U+1D796	Η	Η	Η	Η	Η		<code>\mbfitsansEta</code>	mathematical sans-serif bold italic capital eta
U+1D797	Θ	Θ	Θ	Θ	Θ		<code>\mbfitsansTheta</code>	mathematical sans-serif bold italic capital theta

USV	L	S	E	P	A	N	Macro	Description
U+1D798	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>	<i>Ι</i>		<code>\mbfitsansIota</code>	mathematical sans-serif bold italic capital iota
U+1D799	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>	<i>Κ</i>		<code>\mbfitsansKappa</code>	mathematical sans-serif bold italic capital kappa
U+1D79A	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>	<i>Λ</i>		<code>\mbfitsansLambda</code>	mathematical sans-serif bold italic capital lambda
U+1D79B	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>	<i>Μ</i>		<code>\mbfitsansMu</code>	mathematical sans-serif bold italic capital mu
U+1D79C	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>	<i>Ν</i>		<code>\mbfitsansNu</code>	mathematical sans-serif bold italic capital nu
U+1D79D	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>	<i>Ξ</i>		<code>\mbfitsansXi</code>	mathematical sans-serif bold italic capital xi
U+1D79E	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>	<i>Ο</i>		<code>\mbfitsansOmicron</code>	mathematical sans-serif bold italic capital omicron
U+1D79F	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>	<i>Π</i>		<code>\mbfitsansPi</code>	mathematical sans-serif bold italic capital pi
U+1D7A0	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>	<i>Ρ</i>		<code>\mbfitsansRho</code>	mathematical sans-serif bold italic capital rho
U+1D7A1	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>	<i>Θ</i>		<code>\mbfitsansvarTheta</code>	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>		<code>\mbfitsansSigma</code>	mathematical sans-serif bold italic capital sigma
U+1D7A3	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>	<i>Τ</i>		<code>\mbfitsansTau</code>	mathematical sans-serif bold italic capital tau
U+1D7A4	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>	<i>Υ</i>		<code>\mbfitsansUpsilon</code>	mathematical sans-serif bold italic capital upsilon
U+1D7A5	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>	<i>Φ</i>		<code>\mbfitsansPhi</code>	mathematical sans-serif bold italic capital phi
U+1D7A6	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>	<i>Χ</i>		<code>\mbfitsansChi</code>	mathematical sans-serif bold italic capital chi
U+1D7A7	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>	<i>Ψ</i>		<code>\mbfitsansPsi</code>	mathematical sans-serif bold italic capital psi
U+1D7A8	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>	<i>Ω</i>		<code>\mbfitsansOmega</code>	mathematical sans-serif bold italic capital omega

15.2.20 Bold italic sans serif Greek, lowercase

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

USV	L	S	E	P	A	N	Macro	Description
U+1D7BC	σ	σ	σ	σ	σ		<code>\mbfitsanssigma</code>	mathematical sans-serif bold italic small sigma
U+1D7BD	τ	τ	τ	τ	τ		<code>\mbfitsanstau</code>	mathematical sans-serif bold italic small tau
U+1D7BE	υ	υ	υ	υ	υ		<code>\mbfitsansupsilon</code>	mathematical sans-serif bold italic small upsilon
U+1D7BF	φ	φ	φ	φ	φ		<code>\mbfitsansvarphi</code>	mathematical sans-serif bold italic small phi
U+1D7C0	χ	χ	χ	χ	χ		<code>\mbfitsanschi</code>	mathematical sans-serif bold italic small chi
U+1D7C1	ψ	ψ	ψ	ψ	ψ		<code>\mbfitsanspsi</code>	mathematical sans-serif bold italic small psi
U+1D7C2	ω	ω	ω	ω	ω		<code>\mbfitsansomega</code>	mathematical sans-serif bold italic small omega
U+1D7C3	∂	∂	∂	∂	∂		<code>\mbfitsanspartial</code>	mathematical sans-serif bold italic partial differential
U+1D7C4	ϵ	ϵ	ϵ	ϵ	ϵ		<code>\mbfitsansepsilon</code>	mathematical sans-serif bold italic varepsilon symbol
U+1D7C5	ϑ	ϑ	ϑ	ϑ	ϑ		<code>\mbfitsansvartheta</code>	mathematical sans-serif bold italic theta symbol
U+1D7C6	κ	κ	κ	κ	κ		<code>\mbfitsansvarkappa</code>	mathematical sans-serif bold italic kappa symbol
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

15.3 Miscellaneous

USV	L	S	E	P	A	N	Macro	Description
U+000F0	\eth	\eth	\eth	\eth	\eth	\eth	<code>\matheth</code>	eth
U+02010	-	-	-	-	-	-	<code>\mathhyphen</code>	hyphen

USV	L	S	E	P	A	N	Macro	Description
U+02102	Ꞁ	ꞁ	Ꞃ	ꞃ	Ꞅ	ꞅ	\BbbC	/bbb c, open face c
U+0210A		Ꞇ	ꞇ	ꞈ	꞉		\mscrG	/scr g, script letter g
U+0210B	Ꞑ	ꞑ	Ꞓ	ꞓ	ꞔ	ꞕ	\mscrH	hamiltonian (script capital h)
U+0210C	Ꞗ	ꞗ	Ꞙ	ꞙ	Ꞛ	ꞛ	\mfracH	/frac h, upper case h
U+0210D	Ꞝ	ꞝ	Ꞟ	ꞟ	Ꞡ	ꞡ	\BbbH	/bbb h, open face h
U+0210F	Ꞣ	ꞣ	Ꞥ	ꞥ	Ꞧ	ꞧ	\hslash ^(a)	/hslash - variant planck's over 2pi
U+02110	Ꞩ	ꞩ	Ɦ	Ɜ	Ɡ	Ɬ	\mscrI	/scr i, script letter i
U+02111	Ɪ	ꞯ	Ʞ	Ʇ	Ʝ	Ꭓ	\Im ^(p)	imaginary part
U+02112	Ꞵ	ꞵ	Ꞷ	ꝼ	Ꞹ	ꞹ	\mscrL	lagrangian (script capital l)
U+02113	Ꞻ	ꞻ	Ꞽ	ꞽ	Ꞿ	ꞿ	\ell ^(p)	cursive small l
U+02115	ꞿ	ꠀ	ꠁ	ꠂ	ꠃ	ꠄ	\BbbN	/bbb n, open face n
U+02118	꠆	ꠇ	ꠈ	ꠉ	ꠊ	ꠋ	\wp ^(p)	weierstrass p
U+02119	ꠍ	ꠎ	ꠏ	ꠐ	ꠑ	ꠒ	\BbbP	/bbb p, open face p
U+0211A	ꠔ	ꠕ	ꠖ	ꠗ	ꠘ	ꠙ	\BbbQ	/bbb q, open face q
U+0211B	ꠛ	ꠜ	ꠝ	ꠞ	ꠟ	ꠠ	\mscrR	/scr r, script letter r
U+0211C	ꠢ	ꠣ	ꠣ	ꠤ	ꠥ	ꠦ	\Re ^(p)	real part
U+0211D	꠨	꠩	꠪	꠫	꠬	꠭	\BbbR	/bbb r, open face r
U+02124	꠴	꠵	꠶	꠷	꠸	꠹	\BbbZ	/bbb z, open face z
U+02128	꠼	꠽	꠾	꠿	ꡀ	ꡁ	\mfracZ	/frac z, upper case z
U+02129		ꡂ				ꡃ	\turnediota	turned iota
U+0212B	ꡅ	ꡆ	ꡇ	ꡈ	ꡉ	ꡊ	\Angstrom	angstrom capital a, ring
U+0212C	ꡌ	ꡍ	ꡎ	ꡏ	ꡐ	ꡑ	\mscrB	bernoulli function (script capital b)

USV	L	S	E	P	A	N	Macro	Description
U+0212D							<code>\mfracC</code>	black-letter capital c
U+0212F							<code>\mscre</code>	/scr e, script letter e
U+02130							<code>\mscrE</code>	/scr e, script letter e
U+02131							<code>\mscrF</code>	/scr f, script letter f
U+02133							<code>\mscrM</code>	physics m-matrix (script capital m)
U+02134							<code>\mscro</code>	order of (script small o)
U+02135							<code>\aleph^(p)</code>	aleph, hebrew
U+02136							<code>\beth^(a)</code>	beth, hebrew
U+02137							<code>\gimel^(a)</code>	gimel, hebrew
U+02138							<code>\daleth^(a)</code>	daleth, hebrew
U+0213D							<code>\Bbbgamma</code>	double-struck small gamma
U+0213E							<code>\BbbGamma</code>	double-struck capital gamma
U+0213F							<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							<code>\imath^(p)</code>	mathematical italic small dotless i
U+1D6A5							<code>\jmath^(p)</code>	mathematical italic small dotless j
U+1D6C1							<code>\mbfnabla</code>	mathematical bold nabla
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

USV	L	S	E	P	A	N	Macro	Description
U+1D7A9	∇	∇	∇	∇	∇		<code>\mbfitsansnabla</code>	mathematical sans-serif bold italic nabla
U+1D7CA		F					<code>\mbfDigamma</code>	mathematical bold capital digamma
U+1D7CB		f					<code>\mbfdigamma</code>	mathematical bold small digamma