Symbols defined by unicode-math

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Modified (df) to show XCharter 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)[1]

M Latin Modern Math (1602)

S STIX Two Math (2447)

E Erewhon Math (1690)

X XCharter Math (1678)

P TeX Gyre Pagella Math (1655)

L Libertinus Math (1660)

G Garamond Math (1647)

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.[2]

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[1] Be aware that 48 lowercase latin letters are missing in *Script* and *BoldScript* shapes for both Latin Modern, Erewhon and XCharter, compared to the other four fonts. In addition, XCharter has no lowercase Blackboard Bold (except k).

[2] Only 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	M	S	E	X	P	L	G	Macro	Description
U+00028	(	(	(	(	(	(	(	`\lparen`	left parenthesis
U+0005B	[	[	[	[	[	[	[	`\lbrack`	left square bracket
U+0007B	{	{	{	{	{	{	{	`\lbrace`(p)	left curly bracket
U+0221A	√	√	√	√	√	√	√	`\sqrt`(p)	radical
U+0221B		∛	∛	∛		∛		`\cuberoot`	cube root
U+0221C		∜	∜	∜		∜		`\fourthroot`	fourth root
U+02308	⌈	⌈	⌈	⌈	⌈	⌈	⌈	`\lceil`(p)	left ceiling
U+0230A	⌊	⌊	⌊	⌊	⌊	⌊	⌊	`\lfloor`(p)	left floor
U+0231C	⌜	⌜	⌜	⌜	⌜	⌜	⌜	`\ulcorner`	upper left corner
U+0231E	⌞	⌞	⌞	⌞	⌞	⌞	⌞	`\llcorner`	lower left corner
U+023B0		⎰	⎰	⎰		⎰		`\lmoustache`(p)	upper left or lower right curly bracket section
U+02772		❲						`\lbrbrak`	light left tortoise shell bracket ornament
U+027C5		⟅						`\lbag`	left s-shaped bag delimiter
U+027CC		⟌						`\longdivision`	long division
U+027E6	⟦	⟦	⟦	⟦	⟦	⟦	⟦	`\lBrack`	mathematical left white square bracket
U+027E8	⟨	⟨	⟨	⟨	⟨	⟨	⟨	`\langle`(p)	mathematical left angle bracket
U+027EA	⟪	⟪	⟪	⟪	⟪	⟪	⟪	`\lAngle`	mathematical left double angle bracket
U+027EC		⟬				⟬		`\Lbrbrak`	mathematical left white tortoise shell bracket
U+027EE	⟮	⟮	⟮	⟮	⟮	⟮	⟮	`\lgroup`(p)	mathematical left flattened parenthesis
U+02983		⦃						`\lBrace`	left white curly bracket
U+02985		⦅						`\lParen`	left white parenthesis
U+02987		⦇				⦇		`\llparenthesis`	z notation left image bracket
U+02989		⦉						`\llangle`	z notation left binding bracket
U+0298B		⦋						`\lbrackubar`	left square bracket with underbar
U+0298D		⦍						`\lbrackultick`	left square bracket with tick in top corner
U+0298F		⦏						`\lbracklltick`	left square bracket with tick in bottom corner
U+02991		⦑						`\langledot`	left angle bracket with dot
U+02993		⦓						`\lparenless`	left arc less-than bracket

USV	M	S	E	X	P	L	G	Macro	Description
U+02995		⦕						`\Lparengtr`	double left arc greater-than bracket
U+02997		⦗						`\lblkbrbrak`	left black tortoise shell bracket
U+029D8		⧘						`\lvzigzag`	left wiggly fence
U+029DA		⧚						`\Lvzigzag`	left double wiggly fence
U+029FC		⸜				⸜		`\lcurvyangle`	left pointing curved angle bracket

2 Closing symbols, `\mathclose`

USV	M	S	E	X	P	L	G	Macro	Description
U+00021	!	!	!	!	!	!	!	`\mathexclam`	exclamation mark
U+00029	)	)	)	)	)	)	)	`\rparen`	right parenthesis
U+0005D	]	]	]	]	]	]	]	`\rbrack`	right square bracket
U+0007D	}	}	}	}	}	}	}	`\rbrace`(p)	right curly bracket
U+02309	⌉	⌉	⌉	⌉	⌉	⌉	⌉	`\rceil`(p)	right ceiling
U+0230B	⌋	⌋	⌋	⌋	⌋	⌋	⌋	`\rfloor`(p)	right floor
U+0231D	⌝	⌝	⌝	⌝	⌝	⌝	⌝	`\urcorner`	upper right corner
U+0231F	⌟	⌟	⌟	⌟	⌟	⌟	⌟	`\lrcorner`	lower right corner
U+023B1		⎫	⎫	⎫		⎫		`\rmoustache`(p)	upper right or lower left curly bracket section
U+02773		❯						`\rbrbrak`	light right tortoise shell bracket ornament
U+027C6		⟆						`\rbag`	right s-shaped bag delimiter
U+027E7	⟧	⟧	⟧	⟧	⟧	⟧	⟧	`\rBrack`	mathematical right white square bracket
U+027E9	⟩	⟩	⟩	⟩	⟩	⟩	⟩	`\rangle`(p)	mathematical right angle bracket
U+027EB	⟫	⟫	⟫	⟫	⟫	⟫	⟫	`\rAngle`	mathematical right double angle bracket
U+027ED		⟯				⟯		`\Rbrbrak`	mathematical right white tortoise shell bracket
U+027EF	⟯	⟯	⟯	⟯	⟯	⟯	⟯	`\rgroup`(p)	mathematical right flattened parenthesis
U+02984		⦄						`\rBrace`	right white curly bracket
U+02986		⦆						`\rParen`	right white parenthesis
U+02988		⦈				⦈		`\rrparenthesis`	z notation right image bracket
U+0298A		⦊						`\rrangle`	z notation right binding bracket

USV	M	S	E	X	P	L	G	Macro	Description
U+0298C		⦌						`\rbrackubar`	right square bracket with underbar
U+0298E		⦎						`\rbracklrtick`	right square bracket with tick in bottom corner
U+02990		⦐						`\rbrackurtick`	right square bracket with tick in top corner
U+02992		⦒						`\rangledot`	right angle bracket with dot
U+02994		⦔						`\rparengtr`	right arc greater-than bracket
U+02996		⦖						`\Rparenless`	double right arc less-than bracket
U+02998		⦘						`\rblkbrbrak`	right black tortoise shell bracket
U+029D9		⧙						`\rvzigzag`	right wiggly fence
U+029DB		⧛						`\Rvzigzag`	right double wiggly fence
U+029FD		〉				〉		`\rcurvyangle`	right pointing curved angle bracket

3 Fence symbols, `\mathfence`

USV	M	S	E	X	P	L	G	Macro	Description
U+0007C	|	|	|	|	|	|	|	`\vert`(p)	vertical bar
U+02016	‖	‖	‖	‖	‖	‖	‖	`\Vert`(p)	double vertical bar
U+02980		⦚	⦚	⦚				`\Vvert`	triple vertical bar delimiter

4 Punctuation symbols, `\mathpunct`

USV	M	S	E	X	P	L	G	Macro	Description
U+0002C	,	,	,	,	,	,	,	`\mathcomma`	comma
U+0003A	:	:	:	:	:	:	:	`\mathcolon`	colon
U+0003B	;	;	;	;	;	;	;	`\mathsemicolon`	semicolon p:

5 'Over' symbols, `\mathover`

USV	M	S	E	X	P	L	G	Macro	Description
U+023B4	$\overbracket{x+y}$	$\overbracket{x+y}$	$\overbracket{x+y}$	$\overbracket{x+y}$	$\overbracket{x+y}$	$\overbracket{x+y}$	$\overbracket{x+y}$	`\overbracket`	top square bracket
U+023DC	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	$\overparen{x+y}$	`\overparen`	top parenthesis (mathematical use)
U+023DE	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	`\overbrace`(p)	top curly bracket (mathematical use)

6 'Under' symbols, `\mathunder`

USV	M	S	E	X	P	L	G	Macro	Description
U+023B5	$\underbracket{x+y}$	$\underbracket{x+y}$	$\underbracket{x+y}$	$\underbracket{x+y}$	$\underbracket{x+y}$	$\underbracket{x+y}$	$\underbracket{x+y}$	`\underbracket`	bottom square bracket
U+023DD	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	$\underparen{x+y}$	`\underparen`	bottom parenthesis (mathematical use)
U+023DF	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	$\underbrace{x+y}$	`\underbrace`(p)	bottom curly bracket (mathematical use)

7 Accents, `\mathaccent`

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

USV	M	S	E	X	P	L	G	Macro	Description
U+00300	$\grave{x}$	$\grave{x}$	$\grave{x}$	$\grave{x}$	$\grave{x}$	$\grave{x}$	$\grave{x}$	`\grave`(p)	grave accent
U+00301	$\acute{x}$	$\acute{x}$	$\acute{x}$	$\acute{x}$	$\acute{x}$	$\acute{x}$	$\acute{x}$	`\acute`(p)	acute accent
U+00302	$\hat{x}$	$\hat{x}$	$\hat{x}$	$\hat{x}$	$\hat{x}$	$\hat{x}$	$\hat{x}$	`\hat`(p)	circumflex accent
U+00303	$\tilde{x}$	$\tilde{x}$	$\tilde{x}$	$\tilde{x}$	$\tilde{x}$	$\tilde{x}$	$\tilde{x}$	`\tilde`(p)	tilde
U+00304	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	$\bar{x}$	`\bar`(p)	macron
U+00305	$\overline{x}$	$\overline{x}$	$\overline{x}$	$\overline{x}$	$\overline{x}$	$\overline{x}$	$\overline{x}$	`\overbar`	overbar embellishment
U+00306	$\breve{x}$	$\breve{x}$	$\breve{x}$	$\breve{x}$	$\breve{x}$	$\breve{x}$	$\breve{x}$	`\breve`(p)	breve
U+00307	$\dot{x}$	$\dot{x}$	$\dot{x}$	$\dot{x}$	$\dot{x}$	$\dot{x}$	$\dot{x}$	`\dot`(p)	dot above
U+00308	$\ddot{x}$	$\ddot{x}$	$\ddot{x}$	$\ddot{x}$	$\ddot{x}$	$\ddot{x}$	$\ddot{x}$	`\ddot`(p)	dieresis
U+00309	$\ovhook{x}$	$\ovhook{x}$	$\ovhook{x}$	$\ovhook{x}$	$\ovhook{x}$	$\ovhook{x}$	$\ovhook{x}$	`\ovhook`	combining hook above
U+0030A	$\mathring{x}$	$\mathring{x}$	$\mathring{x}$	$\mathring{x}$	$\mathring{x}$	$\mathring{x}$	$\mathring{x}$	`\ocirc`	ring
U+0030C	$\check{x}$	$\check{x}$	$\check{x}$	$\check{x}$	$\check{x}$	$\check{x}$	$\check{x}$	`\check`(p)	caron
U+00310		$\candra{x}$				$\candra{x}$		`\candra`	candrabindu (non-spacing)

USV	M	S	E	X	P	L	G	Macro	Description
U+00312		$\overset{\text{‘}}{x}$				$\overset{\text{‘}}{x}$		`\oturnedcomma`	combining turned comma above
U+00315		$\overset{\text{‘}}{x}$				$\overset{\text{‘}}{x}$		`\ocommatopright`	combining comma above right
U+0031A		$\overset{\text{‘}}{x}$				$\overset{\text{‘}}{x}$		`\droang`	left angle above (non-spacing)
U+020D0	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	$\overset{\leftharpoonup}{x}$	`\leftharpoonaccent`	combining left harpoon above
U+020D1	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	$\overset{\rightharpoonup}{x}$	`\rightharpoonaccent`	combining right harpoon above
U+020D2	$\overset{\downarrow}{x}$	$\overset{\downarrow}{x}$	$\overset{\downarrow}{x}$	$\overset{\downarrow}{x}$	$\overset{\downarrow}{x}$		$\overset{\downarrow}{x}$	`\vertoverlay`	combining long vertical line overlay
U+020D7	$\vec{x}$	$\vec{x}$	$\vec{x}$	$\vec{x}$	$\vec{x}$	$\vec{x}$	$\vec{x}$	`\vec`(p)	combining right arrow above
U+020DB	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	$\overset{\dddot}{x}$	`\dddot`	combining three dots above
U+020DC	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	$\overset{\ddddot}{x}$	`\ddddot`	combining four dots above
U+020E7		$\overset{\urcorner}{x}$						`\annuity`	combining annuity symbol
U+020E9	$\overset{\sqcap}{x}$	$\overset{\sqcap}{x}$	$\overset{\sqcap}{x}$	$\overset{\sqcap}{x}$	$\overset{\sqcap}{x}$		$\overset{\sqcap}{x}$	`\widebridgeabove`	combining wide bridge above
U+020F0	$\overset{*}{x}$	$\overset{*}{x}$	$\overset{*}{x}$	$\overset{*}{x}$	$\overset{*}{x}$		$\overset{*}{x}$	`\asteraccent`	combining asterisk above

8 Accents wide, `\mathaccentwide`

USV	M	S	E	X	P	L	G	Macro	Description
U+00302	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	$\widehat{x+y}$	`\widehat`(p)	circumflex accent
U+00303	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	$\widetilde{x+y}$	`\widetilde`(p)	tilde
U+00305	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	$\overline{x+y}$	`\wideoverbar`	stretchy overbar embellishment
U+00306	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	`\widebreve`	stretchy breve
U+0030C	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	$\overbrace{x+y}$	`\widecheck`	stretchy caron
U+020D0	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	`\overleftharpoon`	combining left harpoon above
U+020D1	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	`\overrightharpoon`	combining right harpoon above
U+020D6	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	$\overleftarrow{x+y}$	`\overleftarrow`(p)	combining left arrow above
U+020D7	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	$\overrightarrow{x+y}$	`\overrightarrow`(p)	combining left arrow above
U+020E1	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	$\overleftrightarrow{x+y}$	`\overleftrightarrow`	combining left right arrow above

9 Bottom accents, `\mathbotaccent`

USV	M	S	E	X	P	L	G	Macro	Description
U+020E8	$\underset{\cdots}{x}$	$\underset{\cdots}{x}$	$\underset{\cdots}{x}$	$\underset{\cdots}{x}$	$\underset{\cdots}{x}$		$\underset{\cdots}{x}$	`\threeunderdot`	combining triple underdot

10 Bottom accents wide, `\mathbotaccentwide`

USV	M	S	E	X	P	L	G	Macro	Description
U+00330	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	$\underset{\sim}{x+y}$	`\wideutilde`	under tilde accent (multiple characters and non-spacing)
U+00332	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	$\underline{x+y}$	`\mathunderbar`	combining low line
U+0034D	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	$\underset{\longleftrightarrow}{x+y}$	`\underleftrightarrow`	underleftrightarrow accent
U+020EC	$\underset{\rightharpoondown}{x+y}$	$\underset{\rightharpoondown}{x+y}$	$\underset{\rightharpoondown}{x+y}$	$\underset{\rightharpoondown}{x+y}$	$\underset{\rightharpoondown}{x+y}$		$\underset{\rightharpoondown}{x+y}$	`\underrightharpoondown`	combining rightwards harpoon with barb downwards
U+020ED	$\underset{\leftharpoondown}{x+y}$	$\underset{\leftharpoondown}{x+y}$	$\underset{\leftharpoondown}{x+y}$	$\underset{\leftharpoondown}{x+y}$	$\underset{\leftharpoondown}{x+y}$		$\underset{\leftharpoondown}{x+y}$	`\underleftharpoondown`	combining leftwards harpoon with barb downwards
U+020EE	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	$\underset{\leftarrow}{x+y}$	`\underleftarrow`	combining left arrow below
U+020EF	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	$\underset{\rightarrow}{x+y}$	`\underrightarrow`	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	M	S	E	X	P	L	G	Macro	Description
U+02140	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$		$\overset{1}{\underset{0}{\sum}}$	`\Bbbsum`	double-struck n-ary summation
U+0220F	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	$\overset{1}{\underset{0}{\prod}}$	`\prod`(p)	product operator
U+02210	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	$\overset{1}{\underset{0}{\coprod}}$	`\coprod`(p)	coproduct operator
U+02211	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	$\overset{1}{\underset{0}{\sum}}$	`\sum`(p)	summation operator
U+0222B	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	$\int_0^1$	`\int`(p)	integral operator
U+0222C	$\iint_0^1$	$\iint_0^1$	$\iint_0^1$	$\iint_0^1$	$\iint_0^1$	$\iint_0^1$	$\iint_0^1$	`\iint`	double integral operator
U+0222D	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	$\iiint_0^1$	`\iiint`	triple integral operator
U+0222E	$\oint_0^1$	$\oint_0^1$	$\oint_0^1$	$\oint_0^1$	$\oint_0^1$	$\oint_0^1$	$\oint_0^1$	`\oint`(p)	contour integral operator
U+0222F	$\oiint_0^1$	$\oiint_0^1$	$\oiint_0^1$	$\oiint_0^1$	$\oiint_0^1$	$\oiint_0^1$	$\oiint_0^1$	`\oiint`	double contour integral operator

USV	M	S	E	X	P	L	G	Macro	Description
U+02230	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	$\iiint\limits_{0}^{1}$	`\oiiint`	triple contour integral operator
U+02231	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	$\int\limits_{0}^{1}$	`\intclockwise`	clockwise integral
U+02232	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	`\varointclockwise`	contour integral, clockwise
U+02233	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	$\oint\limits_{0}^{1}$	`\ointctrclockwise`	contour integral, anticlockwise
U+022C0	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	$\bigwedge\limits_{0}^{1}$	`\bigwedge`(p)	logical and operator
U+022C1	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	$\bigvee\limits_{0}^{1}$	`\bigvee`(p)	logical or operator
U+022C2	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	$\bigcap\limits_{0}^{1}$	`\bigcap`(p)	intersection operator
U+022C3	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	`\bigcup`(p)	union operator
U+027D5		$\bowtie\limits_{0}^{1}$						`\leftouterjoin`	left outer join
U+027D6		$\bowtie\limits_{0}^{1}$						`\rightouterjoin`	right outer join
U+027D7		$\bowtie\limits_{0}^{1}$						`\fullouterjoin`	full outer join
U+027D8	$\bigbot\limits_{0}^{1}$	$\bigbot\limits_{0}^{1}$	$\bigbot\limits_{0}^{1}$	$\bigbot\limits_{0}^{1}$	$\bigbot\limits_{0}^{1}$		$\bigbot\limits_{0}^{1}$	`\bigbot`	large up tack
U+027D9	$\bigtop\limits_{0}^{1}$	$\bigtop\limits_{0}^{1}$	$\bigtop\limits_{0}^{1}$	$\bigtop\limits_{0}^{1}$	$\bigtop\limits_{0}^{1}$		$\bigtop\limits_{0}^{1}$	`\bigtop`	large down tack
U+029F8		$\big/\limits_{0}^{1}$						`\xsol`	big solidus
U+029F9		$\big\backslash\limits_{0}^{1}$						`\xbsol`	big reverse solidus
U+02A00	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	$\bigodot\limits_{0}^{1}$	`\bigodot`(p)	n-ary circled dot operator
U+02A01	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	$\bigoplus\limits_{0}^{1}$	`\bigoplus`(p)	n-ary circled plus operator
U+02A02	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	$\bigotimes\limits_{0}^{1}$	`\bigotimes`(p)	n-ary circled times operator
U+02A03	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	$\bigcup\limits_{0}^{1}$	`\bigcupdot`	n-ary union operator with dot
U+02A04	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	$\biguplus\limits_{0}^{1}$	`\biguplus`(p)	n-ary union operator with plus
U+02A05	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	$\bigsqcap\limits_{0}^{1}$	`\bigsqcap`	n-ary square intersection operator
U+02A06	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	$\bigsqcup\limits_{0}^{1}$	`\bigsqcup`(p)	n-ary square union operator
U+02A07		$\bigwedge\limits_{0}^{1}$						`\conjquant`	two logical and operator

USV	M	S	E	X	P	L	G	Macro	Description
U+02A08								`\disjquant`	two logical or operator
U+02A09								`\bigtimes`	n-ary times operator
U+02A0A								`\modtwosum`	modulo two sum
U+02A0B								`\sumint`	summation with integral
U+02A0C								`\iiiint`	quadruple integral operator
U+02A0D								`\intbar`	finite part integral
U+02A0E								`\intBar`	integral with double stroke
U+02A0F								`\fint`	integral average with slash
U+02A10								`\cirfnint`	circulation function
U+02A11								`\awint`	anticlockwise integration
U+02A12								`\rppolint`	line integration with rectangular path around pole
U+02A13								`\scpolint`	line integration with semicircular path around pole
U+02A14								`\npolint`	line integration not including the pole
U+02A15								`\pointint`	integral around a point operator
U+02A16								`\sqint`	quaternion integral operator
U+02A17								`\intlarhk`	integral with leftwards arrow with hook
U+02A18								`\intx`	integral with times sign
U+02A19								`\intcap`	integral with intersection
U+02A1A								`\intcup`	integral with union
U+02A1B								`\upint`	integral with overbar
U+02A1C								`\lowint`	integral with underbar
U+02A1D								`\Join`	join

USV	M	S	E	X	P	L	G	Macro	Description
U+02A1E		1 ⨞ 0						`\bigtriangleleft`	large left triangle operator
U+02A1F		1 ⨟ 0						`\zcmp`	z notation schema composition
U+02A20		1 ⨠ 0						`\zpipe`	z notation schema piping
U+02A21		1 ⨡ 0						`\zproject`	z notation schema projection
U+02AFC		1 ⫼ 0						`\biginterleave`	large triple vertical bar operator
U+02AFF		1 ⫿ 0						`\bigtalloblong`	n-ary white vertical bar
U+1EEF0		1 𞻰 0						`\arabicmaj`	arabic mathematical operator meem with hah with tatweel
U+1EEF1		1 𞻱 0						`\arabichad`	arabic mathematical operator hah with dal

12 Binary relations, `\mathbin`

USV	M	S	E	X	P	L	G	Macro	Description
U+0002B	+	+	+	+	+	+	+	`\mathplus`	plus sign b:
U+000B1	±	±	±	±	±	±	±	`\pm`(p)	plus-or-minus sign
U+000B7	·	·	·	·	·	·	·	`\cdotp`(p)	/centerdot b: middle dot
U+000D7	×	×	×	×	×	×	×	`\times`(p)	multiply sign
U+000F7	÷	÷	÷	÷	÷	÷	÷	`\div`(p)	divide sign
U+02020	†	†	†	†	†	†	†	`\dagger`(p)	dagger relation
U+02021	‡	‡	‡	‡	‡	‡	‡	`\ddagger`(p)	double dagger relation
U+02022	•	•	•	•	•	•	•	`\smblkcircle`	/bullet b: round bullet, filled
U+02040		⁀		⁀				`\tieconcat`	character tie, z notation sequence concatenation
U+02044	⁄	⁄	⁄	⁄	⁄	⁄	⁄	`\fracslash`	fraction slash
U+0214B		⅋	⅋	⅋			⅋	`\upand`	turned ampersand
U+02212	−	−	−	−	−	−	−	`\minus`	minus sign
U+02213	∓	∓	∓	∓	∓	∓	∓	`\mp`(p)	minus-or-plus sign
U+02214	∔	∔	∔	∔	∔	∔	∔	`\dotplus`(a)	plus sign, dot above
U+02215	∕	∕	∕	∕	∕	∕	∕	`\divslash`	division slash
U+02216	∖	∖	∖	∖	∖	∖	∖	`\setminus`(p)	set minus (cf. reverse solidus)
U+02217	∗	∗	∗	∗	∗	∗	∗	`\ast`(p)	centered asterisk

USV	M	S	E	X	P	L	G	Macro	Description
U+02218	∘	∘	∘	∘	∘	∘	∘	`\vysmwhtcircle`	composite function (small circle)
U+02219	∙	∙	∙	∙	∙	∙	∙	`\vysmblkcircle`	bullet operator
U+02227	∧	∧	∧	∧	∧	∧	∧	`\wedge`(p)	/wedge /land b: logical and
U+02228	∨	∨	∨	∨	∨	∨	∨	`\vee`(p)	/vee /lor b: logical or
U+02229	∩	∩	∩	∩	∩	∩	∩	`\cap`(p)	intersection
U+0222A	∪	∪	∪	∪	∪	∪	∪	`\cup`(p)	union or logical sum
U+02238	∸	∸	∸	∸	∸	∸	∸	`\dotminus`	minus sign, dot above
U+0223E	∾	∾	∾	∾	∾	∾	∾	`\invlazys`	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
U+022A0	⊠	⊠	⊠	⊠	⊠	⊠	⊠	`\boxtimes`(a)	multiply sign in box
U+022A1	⊡	⊡	⊡	⊡	⊡	⊡	⊡	`\boxdot`(a)	/dotsquare /boxdot b: small dot in box
U+022BA	⊤	⊤	⊤	⊤	⊤		⊤	`\intercal`(a)	intercal
U+022BB	⊻	⊻	⊻	⊻	⊻		⊻	`\veebar`(a)	logical or, bar below (large vee); exclusive disjunction
U+022BC	⊼	⊼	⊼	⊼	⊼		⊼	`\barwedge`(a)	bar, wedge (large wedge)
U+022BD	⊽	⊽	⊽	⊽	⊽		⊽	`\barvee`	bar, vee (large vee)
U+022C4	⋄	⋄	⋄	⋄	⋄		⋄	`\smwhtdiamond`	white diamond
U+022C5	⋅	⋅	⋅	⋅	⋅	⋅	⋅	`\cdot`(p)	small middle dot

USV	M	S	E	X	P	L	G	Macro	Description
U+022C6	⋆	★	⋆	⋆	⋆	⋆	⋆	`\star`[p]	small star, filled, low
U+022C7	⋇	⋇	⋇	⋇	⋇		⋇	`\divideontimes`[a]	division on times
U+022C9	⋉	⋉	⋉	⋉	⋉	⋉	⋉	`\ltimes`[a]	times sign, left closed
U+022CA	⋊	⋊	⋊	⋊	⋊	⋊	⋊	`\rtimes`[a]	times sign, right closed
U+022CB	⋋	⋋	⋋	⋋	⋋		⋋	`\leftthreetimes`[a]	left semidirect product
U+022CC	⋌	⋌	⋌	⋌	⋌		⋌	`\rightthreetimes`[a]	right semidirect product
U+022CE	⋎	⋎	⋎	⋎	⋎	⋎	⋎	`\curlyvee`[a]	curly logical or
U+022CF	⋏	⋏	⋏	⋏	⋏	⋏	⋏	`\curlywedge`[a]	curly logical and
U+022D2	⋒	⋒	⋒	⋒	⋒		⋒	`\Cap`[a]	/cap /doublecap b: double intersection
U+022D3	⋓	⋓	⋓	⋓	⋓		⋓	`\Cup`[a]	/cup /doublecup b: double union
U+02305	⌅	⌅	⌅	⌅	⌅			`\varbarwedge`	/barwedge b: logical and, bar above [projective (bar over small wedge)]
U+02306	⌆	⌆	⌆	⌆	⌆			`\vardoublebarwedge`	/doublebarwedge b: logical and, double bar above [perspective (double bar over small wedge)]
U+0233D		⌽						`\obar`	circle with vertical bar
U+025B3	△	△	△	△	△	△	△	`\bigtriangleup`[p]	big up triangle, open
U+025B7	▷	▷	▷	▷	▷	▷	▷	`\triangleright`[p]	(large) right triangle, open; z notation range restriction
U+025C1	◁	◁	◁	◁	◁	◁	◁	`\triangleleft`[p]	(large) left triangle, open; z notation domain restriction
U+025CB	○	○	○	○	○	○	○	`\mdlgwhtcircle`	medium large circle
U+025EB		◫						`\boxbar`	vertical bar in box
U+027C7		⩒						`\veedot`	or with dot inside
U+027D1		⩟						`\wedgedot`	and with dot
U+027E0	⟠	⟠	⟠	⟠	⟠			`\lozengeminus`	lozenge divided by horizontal rule
U+027E1	⟡	⟡	⟡	⟡	⟡			`\concavediamond`	white concave-sided diamond
U+027E2	⟢	⟢	⟢	⟢	⟢			`\concavediamondtickleft`	white concave-sided diamond with leftwards tick
U+027E3	⟣	⟣	⟣	⟣	⟣			`\concavediamondtickright`	white concave-sided diamond with rightwards tick
U+027E4		⟤						`\whitesquaretickleft`	white square with leftwards tick
U+027E5		⟥						`\whitesquaretickright`	white square with rightwards tick
U+029B5		⦵						`\circlehbar`	circle with horizontal bar
U+029B6		⦶						`\circledvert`	circled vertical bar
U+029B7		⦷						`\circledparallel`	circled parallel

USV	M	S	E	X	P	L	G	Macro	Description
U+029B8								\obslash	circled reverse solidus
U+029B9								\operp	circled perpendicular
U+029C0								\olessthan	circled less-than
U+029C1								\ogreaterthan	circled greater-than
U+029C4								\boxdiag	squared rising diagonal slash
U+029C5								\boxbslash	squared falling diagonal slash
U+029C6								\boxast	squared asterisk
U+029C7								\boxcircle	squared small circle
U+029C8								\boxbox	squared square
U+029CD								\triangleserifs	triangle with serifs at bottom
U+029D6								\hourglass	white hourglass
U+029D7								\blackhourglass	black hourglass
U+029E2								\shuffle	shuffle product
U+029EB								\mdlgblklozenge	black lozenge
U+029F5								\reversesolidus	reverse solidus
U+029F6								\dsol	solidus with overbar
U+029F7								\rsolbar	reverse solidus with horizontal stroke
U+029FA								\doubleplus	double plus
U+029FB								\tripleplus	triple plus
U+029FE								\tplus	tiny
U+029FF								\tminus	miny
U+02A22								\ringplus	plus sign with small circle above
U+02A23								\plushat	plus sign with circumflex accent above
U+02A24								\simplus	plus sign with tilde above
U+02A25								\plusdot	plus sign with dot below
U+02A26								\plussim	plus sign with tilde below
U+02A27								\plussubtwo	plus sign with subscript two
U+02A28								\plustrif	plus sign with black triangle
U+02A29								\commaminus	minus sign with comma above
U+02A2A								\minusdot	minus sign with dot below
U+02A2B								\minusfdots	minus sign with falling dots
U+02A2C								\minusrdots	minus sign with rising dots
U+02A2D								\opluslhrim	plus sign in left half circle

USV	M	S	E	X	P	L	G	Macro	Description
U+02A2E		⨮						`\oplusrhrim`	plus sign in right half circle
U+02A2F	×	×	×	×	×		×	`\vectimes`	vector or cross product
U+02A30		⨰						`\dottimes`	multiplication sign with dot above
U+02A31		⨱						`\timesbar`	multiplication sign with underbar
U+02A32		⨲						`\btimes`	semidirect product with bottom closed
U+02A33		⨳						`\smashtimes`	smash product
U+02A34		⨴						`\otimeslhrim`	multiplication sign in left half circle
U+02A35		⨵						`\otimesrhrim`	multiplication sign in right half circle
U+02A36		⨶				⨶		`\otimeshat`	circled multiplication sign with circumflex accent
U+02A37		⨷						`\Otimes`	multiplication sign in double circle
U+02A38		⨸						`\odiv`	circled division sign
U+02A39		⨹						`\triangleplus`	plus sign in triangle
U+02A3A		⨺						`\triangleminus`	minus sign in triangle
U+02A3B		⨻						`\triangletimes`	multiplication sign in triangle
U+02A3C		⨼						`\intprod`	interior product
U+02A3D		⨽						`\intprodr`	righthand interior product
U+02A3E		⨾				⨾		`\fcmp`	z notation relational composition
U+02A3F	∐	∐	∐	∐	∐	∐	∐	`\amalg`(p)	amalgamation or coproduct
U+02A40		⩀						`\capdot`	intersection with dot
U+02A41		⩁						`\uminus`	union with minus sign
U+02A42		⩂						`\barcup`	union with overbar
U+02A43		⩃						`\barcap`	intersection with overbar
U+02A44		⩄						`\capwedge`	intersection with logical and
U+02A45		⩅						`\cupvee`	union with logical or
U+02A46		⩆						`\cupovercap`	union above intersection
U+02A47		⩇						`\capovercup`	intersection above union
U+02A48		⩈						`\cupbarcap`	union above bar above intersection
U+02A49		⩉						`\capbarcup`	intersection above bar above union
U+02A4A		⩊						`\twocups`	union beside and joined with union

USV	M	S	E	X	P	L	G	Macro	Description
U+02A4B		⋒						\twocaps	intersection beside and joined with intersection
U+02A4C		⋓						\closedvarcup	closed union with serifs
U+02A4D		⋒						\closedvarcap	closed intersection with serifs
U+02A4E		⊓						\Sqcap	double square intersection
U+02A4F		⊔						\Sqcup	double square union
U+02A50		⩐						\closedvarcupsmashprod	closed union with serifs and smash product
U+02A51		⩟						\wedgeodot	logical and with dot above
U+02A52		⩛						\veeodot	logical or with dot above
U+02A53		⋀						\Wedge	double logical and
U+02A54		⋁						\Vee	double logical or
U+02A55		⩞						\wedgeonwedge	two intersecting logical and
U+02A56		⩝						\veeonvee	two intersecting logical or
U+02A57		⩗						\bigslopedvee	sloping large or
U+02A58		⩘						\bigslopedwedge	sloping large and
U+02A5A		⋏						\wedgemidvert	logical and with middle stem
U+02A5B		⋎						\veemidvert	logical or with middle stem
U+02A5C		⩠						\midbarwedge	ogical and with horizontal dash
U+02A5D		⩡						\midbarvee	logical or with horizontal dash
U+02A5E		⩖	⩖	⩖				\doublebarwedge[a]	logical and with double overbar
U+02A5F		⩕	⩕	⩕				\wedgebar	logical and with underbar
U+02A60		⩔						\wedgedoublebar	logical and with double underbar
U+02A61		⩒						\varveebar	small vee with underbar
U+02A62		⩔						\doublebarvee	logical or with double overbar
U+02A63		⩒						\veedoublebar	logical or with double underbar
U+02A64		⩤						\dsub	z notation domain antirestriction
U+02A65		⩥						\rsub	z notation range antirestriction
U+02A71		⩱						\eqqplus	equals sign above plus sign
U+02A72		⩲						\pluseqq	plus sign above equals sign
U+02AF4		⫴						\interleave	triple vertical bar binary relation
U+02AF5		⫵						\nhVvert	triple vertical bar with horizontal stroke
U+02AF6		⫶						\threedotcolon	triple colon operator
U+02AFB		⫽						\trslash	triple solidus binary relation

USV	M	S	E	X	P	L	G	Macro	Description
U+02AFD		⫽						\sslash	double solidus operator
U+02AFE		▯						\talloblong	white vertical bar

13 Ordinary symbols, \mathord

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

USV	M	S	E	X	P	L	G	Macro	Description
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	ℇ	ℇ	ℇ	ℇ	ℇ		ℇ	`\Eulerconst`	euler constant
U+0210E	ℎ	ℎ	ℎ	ℎ	ℎ	ℎ	ℎ	`\Planckconst`	planck constant
U+02127	℧	℧	℧	℧	℧	℧	℧	`\mho`	conductance
U+02132		Ⅎ	Ⅎ	Ⅎ				`\Finv`[a]	turned capital f
U+0213C	ℼ	ℼ	ℼ		ℼ		ℼ	`\Bbbpi`	double-struck small pi
U+02141		⅁	⅁	⅁				`\Game`[a]	turned sans-serif capital g
U+02142		⅂						`\sansLturned`	turned sans-serif capital l
U+02143		⅃						`\sansLmirrored`	reversed sans-serif capital l
U+02144		⅄						`\Yup`	turned sans-serif capital y
U+02145	ⅅ	ⅅ	ⅅ		ⅅ		ⅅ	`\mitBbbD`	double-struck italic capital d
U+02146	ⅆ	ⅆ	ⅆ		ⅆ		ⅆ	`\mitBbbd`	double-struck italic small d
U+02147	ⅇ	ⅇ	ⅇ		ⅇ		ⅇ	`\mitBbbe`	double-struck italic small e
U+02148	ⅈ	ⅈ	ⅈ		ⅈ		ⅈ	`\mitBbbi`	double-struck italic small i
U+02149	ⅉ	ⅉ	ⅉ		ⅉ		ⅉ	`\mitBbbj`	double-struck italic small j
U+0214A		⅊						`\PropertyLine`	property line
U+021A8		↨				↨	↨	`\updownarrowbar`	up down arrow with base (perpendicular)
U+021B4	↴	↴	↴		↴	↴	↴	`\linefeed`	rightwards arrow with corner downwards
U+021B5	↵	↵	↵		↵	↵	↵	`\carriagereturn`	downwards arrow with corner leftward = carriage return
U+021B8		↖				↖	↖	`\barovernorthwestarrow`	north west arrow to long bar
U+021B9		↹				↹	↹	`\barleftarrowrightarrowbar`	leftwards arrow to bar over rightwards arrow to bar

USV	M	S	E	X	P	L	G	Macro	Description
U+021BA	↺	↺	↺	↺	↺	↺	↺	`\acwopencirclearrow`	anticlockwise open circle arrow
U+021BB	↻	↻	↻	↻	↻	↻	↻	`\cwopencirclearrow`	clockwise open circle arrow
U+021DE		⇞				⇞	⇞	`\nHuparrow`	upwards arrow with double stroke
U+021DF		⇟				⇟	⇟	`\nHdownarrow`	downwards arrow with double stroke
U+021E0		⇠	⇠	⇠		⇠	⇠	`\leftdasharrow`	leftwards dashed arrow
U+021E1		⇡	⇡	⇡		⇡	⇡	`\updasharrow`	upwards dashed arrow
U+021E2		⇢	⇢	⇢		⇢	⇢	`\rightdasharrow`	rightwards dashed arrow
U+021E3		⇣	⇣	⇣		⇣	⇣	`\downdasharrow`	downwards dashed arrow
U+021E6	⇦	⇦	⇦	⇦	⇦	⇦	⇦	`\leftwhitearrow`	leftwards white arrow
U+021E7	⇧	⇧	⇧	⇧	⇧	⇧	⇧	`\upwhitearrow`	upwards white arrow
U+021E8	⇨	⇨	⇨	⇨	⇨	⇨	⇨	`\rightwhitearrow`	rightwards white arrow
U+021E9	⇩	⇩	⇩	⇩	⇩	⇩	⇩	`\downwhitearrow`	downwards white arrow
U+021EA		⇪				⇪	⇪	`\whitearrowupfrombar`	upwards white arrow from bar
U+02200	∀	∀	∀	∀	∀	∀	∀	`\forall`(p)	for all
U+02201	∁	∁	∁	∁	∁	∁	∁	`\complement`(a)	complement sign
U+02203	∃	∃	∃	∃	∃	∃	∃	`\exists`(p)	at least one exists
U+02204	∄	∄	∄	∄	∄	∄	∄	`\nexists`(a)	negated exists
U+02205	∅	∅	∅	∅	∅	∅	∅	`\varnothing`(a)	circle, slash
U+02206	∆	∆	∆	∆	∆	∆	∆	`\increment`	laplacian (delta; nabla^2)
U+0220E	∎	∎	∎	∎	∎	∎	∎	`\QED`	end of proof
U+0221A	√	√	√	√	√	√	√	`\surd`(p)	radical
U+0221E	∞	∞	∞	∞	∞	∞	∞	`\infty`(p)	infinity
U+0221F	∟	∟	∟	∟	∟	∟	∟	`\rightangle`	right (90 degree) angle
U+02220	∠	∠	∠	∠	∠	∠	∠	`\angle`(p)	angle
U+02221	∡	∡	∡	∡	∡	∡	∡	`\measuredangle`(a)	angle-measured
U+02222	∢	∢	∢	∢	∢	∢	∢	`\sphericalangle`(a)	angle-spherical
U+02234	∴	∴	∴	∴	∴	∴	∴	`\therefore`(a)	therefore
U+02235	∵	∵	∵	∵	∵	∵	∵	`\because`(a)	because
U+0223F	∿	∿	∿	∿	∿	∿	∿	`\sinewave`	sine wave
U+022A4	⊤	⊤	⊤	⊤	⊤	⊤	⊤	`\top`(p)	top
U+022A5	⊥	⊥	⊥	⊥	⊥	⊥	⊥	`\bot`(p)	bottom
U+022B9	⊹	⊹	⊹	⊹	⊹		⊹	`\hermitmatrix`	hermitian conjugate matrix
U+022BE	⊾	⊾	⊾	⊾	⊾		⊾	`\measuredrightangle`	right angle-measured [with arc]
U+022BF	⊿	⊿	⊿	⊿	⊿		⊿	`\varlrtriangle`	right triangle

USV	M	S	E	X	P	L	G	Macro	Description
U+022EF	⋯	⋯	⋯	⋯	⋯	⋯	⋯	`\unicodecdots`	three dots, centered
U+02300	⌀	⌀	⌀	⌀	⌀	⌀	⌀	`\diameter`	diameter sign
U+02302		⌂				⌂		`\house`	house
U+02310	⌐	⌐	⌐	⌐	⌐	⌐	⌐	`\invnot`	reverse not
U+02311		⌑						`\sqlozenge`	square lozenge
U+02312		⌒						`\profline`	profile of a line
U+02313		⌓						`\profsurf`	profile of a surface
U+02317		⌗						`\viewdata`	viewdata square
U+02319	⌙	⌙	⌙	⌙	⌙		⌙	`\turnednot`	turned not sign
U+02320	⌠	⌠	⌠	⌠	⌠	⌠		`\inttop`	top half integral
U+02321	⌡	⌡	⌡	⌡	⌡	⌡		`\intbottom`	bottom half integral
U+0232C		⌬						`\varhexagonlrbonds`	six carbon ring, corner down, double bonds lower right etc
U+02332		⌲						`\conictaper`	conical taper
U+02336		⌶						`\topbot`	top and bottom
U+02340		⍀						`\APLnotbackslash`	apl functional symbol backslash bar
U+02353		⍓						`\APLboxupcaret`	boxed up caret
U+02370		⍰						`\APLboxquestion`	boxed question mark
U+0237C		⍼						`\rangledownzigzagarrow`	right angle with downwards zigzag arrow
U+02394		⎔						`\hexagon`	horizontal benzene ring [hexagon flat open]
U+0239B	⎛	⎛	⎛	⎛	⎛	⎛	⎛	`\lparenuend`	left parenthesis upper hook
U+0239C	⎜	⎜	⎜	⎜	⎜	⎜	⎜	`\lparenextender`	left parenthesis extension
U+0239D	⎝	⎝	⎝	⎝	⎝	⎝	⎝	`\lparenlend`	left parenthesis lower hook
U+0239E	⎞	⎞	⎞	⎞	⎞	⎞	⎞	`\rparenuend`	right parenthesis upper hook
U+0239F	⎟	⎟	⎟	⎟	⎟	⎟	⎟	`\rparenextender`	right parenthesis extension
U+023A0	⎠	⎠	⎠	⎠	⎠	⎠	⎠	`\rparenlend`	right parenthesis lower hook
U+023A1	⎡	⎡	⎡	⎡	⎡	⎡	⎡	`\lbrackuend`	left square bracket upper corner

USV	M	S	E	X	P	L	G	Macro	Description
U+023A2	⎢	⎢	⎢	⎢	⎢	⎢	⎢	`\lbrackextender`	left square bracket extension
U+023A3	⎣	⎣	⎣	⎣	⎣	⎣	⎣	`\lbracklend`	left square bracket lower corner
U+023A4	⎤	⎤	⎤	⎤	⎤	⎤	⎤	`\rbrackuend`	right square bracket upper corner
U+023A5	⎥	⎥	⎥	⎥	⎥	⎥	⎥	`\rbrackextender`	right square bracket extension
U+023A6	⎦	⎦	⎦	⎦	⎦	⎦	⎦	`\rbracklend`	right square bracket lower corner
U+023A7	⎧	⎧	⎧	⎧	⎧	⎧	⎧	`\lbraceuend`	left curly bracket upper hook
U+023A8	⎨	⎨	⎨	⎨	⎨	⎨	⎨	`\lbracemid`	left curly bracket middle piece
U+023A9	⎩	⎩	⎩	⎩	⎩	⎩	⎩	`\lbracelend`	left curly bracket lower hook
U+023AA	⎪	⎪	⎪	⎪	⎪	⎪	⎪	`\vbraceextender`	curly bracket extension
U+023AB	⎫	⎫	⎫	⎫	⎫	⎫	⎫	`\rbraceuend`	right curly bracket upper hook
U+023AC	⎬	⎬	⎬	⎬	⎬	⎬	⎬	`\rbracemid`	right curly bracket middle piece
U+023AD	⎭	⎭	⎭	⎭	⎭	⎭	⎭	`\rbracelend`	right curly bracket lower hook
U+023AE		⎮	⎮	⎮	⎮	⎮		`\intextender`	integral extension
U+023AF		⎯	⎯	⎯		⎯		`\harrowextender`	horizontal line extension (used to extend arrows)
U+023B2	⎲	⎲	⎲		⎲			`\sumtop`	summation top
U+023B3	⎳	⎳	⎳		⎳			`\sumbottom`	summation bottom
U+023B6		⎶						`\bbrktbrk`	bottom square bracket over top square bracket
U+023B7	⎷	⎷	⎷	⎷	⎷	⎷	⎷	`\sqrtbottom`	radical symbol bottom
U+023B8		⎸						`\lvboxline`	left vertical box line
U+023B9		⎹						`\rvboxline`	right vertical box line
U+023CE		⏎						`\varcarriagereturn`	return symbol
U+023E0	⏠	⏠			⏠		⏠	`\obrbrak`	top tortoise shell bracket (mathematical use)

USV	M	S	E	X	P	L	G	Macro	Description
U+023E1	⏡	⏡			⏡		⏡	`\ubrbrak`	bottom tortoise shell bracket (mathematical use)
U+023E2		⏢						`\trapezium`	white trapezium
U+023E3		⏣						`\benzenr`	benzene ring with circle
U+023E4		⏤						`\strns`	straightness
U+023E5		⏥						`\fltns`	flatness
U+023E6		⏦						`\accurrent`	ac current
U+023E7		⏧						`\elinters`	electrical intersection
U+02422	␢	␢	␢	␢	␢			`\blanksymbol`	blank symbol
U+02423	␣	␣	␣	␣	␣	␣		`\mathvisiblespace`	open box
U+02506		┆						`\bdtriplevdash`	doubly broken vert
U+02580		▀						`\blockuphalf`	upper half block
U+02584		▄						`\blocklowhalf`	lower half block
U+02588	■	■			■		■	`\blockfull`	full block
U+0258C		▌						`\blocklefthalf`	left half block
U+02590		▐						`\blockrighthalf`	right half block
U+02591	▒	▒			▒			`\blockqtrshaded`	25% shaded block
U+02592	▒	▒			▒			`\blockhalfshaded`	50% shaded block
U+02593	▒	▒			▒			`\blockthreeqtrshaded`	75% shaded block
U+025A0	■	■	■	■	■	■	■	`\mdlgblksquare`	square, filled
U+025A1	□	□	□	□	□	□	□	`\mdlgwhtsquare`	square, open
U+025A2		▢						`\squoval`	white square with rounded corners
U+025A3		▣					▣	`\blackinwhitesquare`	white square containing black small square
U+025A4		▤						`\squarehfill`	square, horizontal rule filled
U+025A5		▥						`\squarevfill`	square, vertical rule filled
U+025A6		▦						`\squarehvfill`	square with orthogonal crosshatch fill
U+025A7		▧						`\squarenwsefill`	square, nw-to-se rule filled
U+025A8		▨						`\squareneswfill`	square, ne-to-sw rule filled
U+025A9		▩						`\squarecrossfill`	square with diagonal crosshatch fill
U+025AA	▪	▪	▪	▪	▪		▪	`\smblksquare`	/blacksquare - sq bullet, filled
U+025AB	▫	▫	▫	▫	▫		▫	`\smwhtsquare`	white small square
U+025AC	▬	▬	▬	▬	▬		▬	`\hrectangleblack`	black rectangle
U+025AD	▭	▭	▭	▭	▭		▭	`\hrectangle`	horizontal rectangle, open

USV	M	S	E	X	P	L	G	Macro	Description
U+025AE		▮					▮	`\vrectangleblack`	black vertical rectangle
U+025AF		▯					▯	`\vrectangle`	rectangle, white (vertical)
U+025B0		▰						`\parallelogramblack`	black parallelogram
U+025B1		▱						`\parallelogram`	parallelogram, open
U+025B2	▲	▲	▲	▲	▲	▲	▲	`\bigblacktriangleup`	black up-pointing triangle
U+025B4		▲	▲	▲				`\blacktriangle`(a)	up triangle, filled
U+025B6	▶	▶	▶	▶	▶	▶	▶	`\blacktriangleright`(a)	(large) right triangle, filled
U+025B8		▶	▶	▶				`\smallblacktriangleright`	right triangle, filled
U+025B9		▷	▷	▷				`\smalltriangleright`	right triangle, open
U+025BA		▶						`\blackpointerright`	black right-pointing pointer
U+025BB		▷						`\whitepointerright`	white right-pointing pointer
U+025BC	▼	▼	▼	▼	▼	▼	▼	`\bigblacktriangledown`	big down triangle, filled
U+025BD	▽	▽	▽	▽	▽	▽	▽	`\bigtriangledown`(p)	big down triangle, open
U+025BE		▼	▼	▼				`\blacktriangledown`(a)	down triangle, filled
U+025BF		▽	▽	▽				`\triangledown`(a)	down triangle, open
U+025C0	◀	◀	◀	◀	◀	◀	◀	`\blacktriangleleft`(a)	(large) left triangle, filled
U+025C2		◀	◀	◀				`\smallblacktriangleleft`	left triangle, filled
U+025C3		◁	◁	◁				`\smalltriangleleft`	left triangle, open
U+025C4		◀						`\blackpointerleft`	black left-pointing pointer
U+025C5		◁						`\whitepointerleft`	white left-pointing pointer
U+025C6		◆	◆	◆		◆	◆	`\mdlgblkdiamond`	black diamond
U+025C7		◇	◇	◇		◇	◇	`\mdlgwhtdiamond`	white diamond; diamond, open
U+025C8		◈					◈	`\blackinwhitediamond`	white diamond containing black small diamond
U+025C9		◉				⊙	◉	`\fisheye`	fisheye
U+025CA	◊	◊	◊	◊	◊	◊	◊	`\mdlgwhtlozenge`	lozenge or total mark
U+025CC		◌						`\dottedcircle`	dotted circle
U+025CD		◍						`\circlevertfill`	circle with vertical fill
U+025CE		◎				○	◎	`\bullseye`	bullseye
U+025CF	●	●	●	●	●	●	●	`\mdlgblkcircle`	circle, filled
U+025D0		◐				◐	◐	`\circlelefthalfblack`	circle, filled left half [harvey ball]
U+025D1		◑				◑	◑	`\circlerighthalfblack`	circle, filled right half
U+025D2		◒				◒	◒	`\circlebottomhalfblack`	circle, filled bottom half
U+025D3		◓				◓	◓	`\circletophalfblack`	circle, filled top half

USV	M	S	E	X	P	L	G	Macro	Description
U+025D4								`\circleurquadblack`	circle with upper right quadrant black
U+025D5								`\blackcircleulquadwhite`	circle with all but upper left quadrant black
U+025D6								`\blacklefthalfcircle`	left half black circle
U+025D7								`\blackrighthalfcircle`	right half black circle
U+025D8								`\inversebullet`	inverse bullet
U+025D9								`\inversewhitecircle`	inverse white circle
U+025DA								`\invwhiteupperhalfcircle`	upper half inverse white circle
U+025DB								`\invwhitelowerhalfcircle`	lower half inverse white circle
U+025DC								`\ularc`	upper left quadrant circular arc
U+025DD								`\urarc`	upper right quadrant circular arc
U+025DE								`\lrarc`	lower right quadrant circular arc
U+025DF								`\llarc`	lower left quadrant circular arc
U+025E0								`\topsemicircle`	upper half circle
U+025E1								`\botsemicircle`	lower half circle
U+025E2								`\lrblacktriangle`	lower right triangle, filled
U+025E3								`\llblacktriangle`	lower left triangle, filled
U+025E4								`\ulblacktriangle`	upper left triangle, filled
U+025E5								`\urblacktriangle`	upper right triangle, filled
U+025E6								`\smwhtcircle`	white bullet
U+025E7								`\squareleftblack`	square, filled left half
U+025E8								`\squarerightblack`	square, filled right half
U+025E9								`\squareulblack`	square, filled top left corner
U+025EA								`\squarelrblack`	square, filled bottom right corner
U+025EC								`\trianglecdot`	triangle with centered dot
U+025ED								`\triangleleftblack`	up-pointing triangle with left half black
U+025EE								`\trianglerightblack`	up-pointing triangle with right half black
U+025EF								`\lgwhtcircle`	large circle
U+025F0								`\squareulquad`	white square with upper left quadrant
U+025F1								`\squarellquad`	white square with lower left quadrant
U+025F2								`\squarelrquad`	white square with lower right quadrant

USV	M	S	E	X	P	L	G	Macro	Description
U+025F3		◳						`\squareurquad`	white square with upper right quadrant
U+025F4		◴						`\circleulquad`	white circle with upper left quadrant
U+025F5		◵						`\circlellquad`	white circle with lower left quadrant
U+025F6		◶						`\circlelrquad`	white circle with lower right quadrant
U+025F7		◷						`\circleurquad`	white circle with upper right quadrant
U+025F8		◸						`\ultriangle`	upper left triangle
U+025F9		◹						`\urtriangle`	upper right triangle
U+025FA		◺						`\lltriangle`	lower left triangle
U+025FB		□	□	□				`\mdwhtsquare`	white medium square
U+025FC		■	■	■				`\mdblksquare`	black medium square
U+025FD		▫	▫	▫				`\mdsmwhtsquare`	white medium small square
U+025FE		▪	▪	▪				`\mdsmblksquare`	black medium small square
U+025FF		◿						`\lrtriangle`	lower right triangle
U+02605		★	★	★		★	★	`\bigstar`[a]	star, filled
U+02606		☆					☆	`\bigwhitestar`	star, open
U+02609		☉				☉		`\astrosun`	sun
U+02621		☡						`\danger`	dangerous bend (caution sign)
U+0263B		☻				☻		`\blacksmiley`	black smiling face
U+0263C		☼				☼		`\sun`	white sun with rays
U+0263D		☽				☽		`\rightmoon`	first quarter moon
U+0263E		☾				☾		`\leftmoon`	last quarter moon
U+02640		♀				♀		`\female`	venus, female
U+02642		♂				♂		`\male`	mars, male
U+02660	♠	♠	♠	♠	♠	♠		`\spadesuit`[p]	spades suit symbol
U+02661	♡	♡	♡	♡	♡	♡		`\heartsuit`[p]	heart suit symbol
U+02662	♢	♢	♢	♢	♢	♢		`\diamondsuit`[p]	diamond suit symbol
U+02663	♣	♣	♣	♣	♣	♣		`\clubsuit`[p]	club suit symbol
U+02664	♤	♤	♤	♤	♤	♤		`\varspadesuit`	spade, white (card suit)
U+02665	♥	♥	♥	♥	♥	♥		`\varheartsuit`	filled heart (card suit)
U+02666	♦	♦	♦	♦	♦	♦		`\vardiamondsuit`	filled diamond (card suit)
U+02667	♧	♧	♧	♧	♧	♧		`\varclubsuit`	club, white (card suit)
U+02669		♩				♩		`\quarternote`	music note (sung text sign)

USV	M	S	E	X	P	L	G	Macro	Description
U+0266A	♪	♪			♪	♪		`\eighthnote`	eighth note
U+0266B		♫				♫		`\twonotes`	beamed eighth notes
U+0266D	♭	♭	♭	♭	♭	♭		`\flat`(p)	musical flat
U+0266E	♮	♮	♮	♮	♮	♮		`\natural`(p)	music natural
U+0266F	♯	♯	♯	♯	♯	♯		`\sharp`(p)	musical sharp
U+0267E		♾					♾	`\acidfree`	permanent paper sign
U+02680		⚀						`\dicei`	die face-1
U+02681		⚁						`\diceii`	die face-2
U+02682		⚂						`\diceiii`	die face-3
U+02683		⚃						`\diceiv`	die face-4
U+02684		⚄						`\dicev`	die face-5
U+02685		⚅						`\dicevi`	die face-6
U+02686		⚈						`\circledrightdot`	white circle with dot right
U+02687		⚉						`\circledtwodots`	white circle with two dots
U+02688		⚉						`\blackcircledrightdot`	black circle with white dot right
U+02689		⚉						`\blackcircledtwodots`	black circle with two white dots
U+026A5		⚥				⚥		`\Hermaphrodite`	male and female sign
U+026AA		○	○	○				`\mdwhtcircle`	medium white circle
U+026AB		●	●	●				`\mdblkcircle`	medium black circle
U+026AC		○	○	○		○		`\mdsmwhtcircle`	medium small white circle
U+026B2		⚲						`\neuter`	neuter
U+02713	✓	✓	✓	✓	✓			`\checkmark`	tick, check mark
U+02720	✠	✠	✠	✠	✠			`\maltese`	maltese cross
U+0272A		✪						`\circledstar`	circled white star
U+02736		✶						`\varstar`	six pointed black star
U+0273D		❇						`\dingasterisk`	heavy teardrop-spoked asterisk
U+0279B		➛						`\draftingarrow`	right arrow with bold head (drafting)
U+027C0		⟀						`\threedangle`	three dimensional angle
U+027C1		⟁						`\whiteinwhitetriangle`	white triangle containing small white triangle
U+027C3		⟃						`\subsetcirc`	open subset
U+027C4		⟄						`\supsetcirc`	open superset
U+027CB		⟋	⟋	⟋				`\diagup`(a)	mathematical rising diagonal
U+027CD		⟍	⟍	⟍				`\diagdown`(a)	mathematical falling diagonal

USV	M	S	E	X	P	L	G	Macro	Description
U+027D0								`\diamondcdot`	white diamond with centred dot
U+0292B								`\rdiagovfdiag`	rising diagonal crossing falling diagonal
U+0292C								`\fdiagovrdiag`	falling diagonal crossing rising diagonal
U+0292D								`\seovnearrow`	south east arrow crossing north east arrow
U+0292E								`\neovsearrow`	north east arrow crossing south east arrow
U+0292F								`\fdiagovnearrow`	falling diagonal crossing north east arrow
U+02930								`\rdiagovsearrow`	rising diagonal crossing south east arrow
U+02931								`\neovnwarrow`	north east arrow crossing north west arrow
U+02932								`\nwovnearrow`	north west arrow crossing north east arrow
U+02934								`\uprightcurvearrow`	arrow pointing rightwards then curving upwards
U+02935								`\downrightcurvedarrow`	arrow pointing rightwards then curving downwards
U+02981								`\mdsmblkcircle`	z notation spot
U+02999								`\fourvdots`	dotted fence
U+0299A								`\vzigzag`	vertical zigzag line
U+0299B								`\measuredangleleft`	measured angle opening left
U+0299C								`\rightanglesqr`	right angle variant with square
U+0299D								`\rightanglemdot`	measured right angle with dot
U+0299E								`\angles`	angle with s inside
U+0299F								`\angdnr`	acute angle
U+029A0								`\gtlpar`	spherical angle opening left
U+029A1								`\sphericalangleup`	spherical angle opening up
U+029A2								`\turnangle`	turned angle
U+029A3								`\revangle`	reversed angle
U+029A4								`\angleubar`	angle with underbar
U+029A5								`\revangleubar`	reversed angle with underbar
U+029A6								`\wideangledown`	oblique angle opening up
U+029A7								`\wideangleup`	oblique angle opening down
U+029A8								`\measanglerutone`	measured angle with open arm ending in arrow pointing up and right

USV	M	S	E	X	P	L	G	Macro	Description
U+029A9								`\measanglelutonw`	measured angle with open arm ending in arrow pointing up and left
U+029AA								`\measanglerdtose`	measured angle with open arm ending in arrow pointing down and right
U+029AB								`\measangleldtosw`	measured angle with open arm ending in arrow pointing down and left
U+029AC								`\measangleurtone`	measured angle with open arm ending in arrow pointing right and up
U+029AD								`\measangleultonw`	measured angle with open arm ending in arrow pointing left and up
U+029AE								`\measangledrtose`	measured angle with open arm ending in arrow pointing right and down
U+029AF								`\measangledltosw`	measured angle with open arm ending in arrow pointing left and down
U+029B0								`\revemptyset`	reversed empty set
U+029B1								`\emptysetobar`	empty set with overbar
U+029B2								`\emptysetocirc`	empty set with small circle above
U+029B3								`\emptysetoarr`	empty set with right arrow above
U+029B4								`\emptysetoarrl`	empty set with left arrow above
U+029BA								`\obot`	circle divided by horizontal bar and top half divided by vertical bar
U+029BB								`\olcross`	circle with superimposed x
U+029BC								`\odotslashdot`	circled anticlockwise-rotated division sign
U+029BD								`\uparrowoncircle`	up arrow through circle
U+029BE								`\circledwhitebullet`	circled white bullet
U+029BF								`\circledbullet`	circled bullet
U+029C2								`\cirscir`	circle with small circle to the right
U+029C3								`\cirE`	circle with two horizontal strokes to the right
U+029C9								`\boxonbox`	two joined squares
U+029CA								`\triangleodot`	triangle with dot above
U+029CB								`\triangleubar`	triangle with underbar
U+029CC								`\triangles`	s in triangle
U+029DC								`\iinfin`	incomplete infinity

USV	M	S	E	X	P	L	G	Macro	Description
U+029DD								`\tieinfty`	tie over infinity
U+029DE								`\nvinfty`	infinity negated with vertical bar
U+029E0								`\laplac`	square with contoured outline
U+029E7								`\thermod`	thermodynamic
U+029E8								`\downtriangleleftblack`	down-pointing triangle with left half black
U+029E9								`\downtrianglerightblack`	down-pointing triangle with right half black
U+029EA								`\blackdiamonddownarrow`	black diamond with down arrow
U+029EC								`\circledownarrow`	white circle with down arrow
U+029ED								`\blackcircledownarrow`	black circle with down arrow
U+029EE								`\errbarsquare`	error-barred white square
U+029EF								`\errbarblacksquare`	error-barred black square
U+029F0								`\errbardiamond`	error-barred white diamond
U+029F1								`\errbarblackdiamond`	error-barred black diamond
U+029F2								`\errbarcircle`	error-barred white circle
U+029F3								`\errbarblackcircle`	error-barred black circle
U+02AE1								`\perps`	perpendicular with s
U+02AF1								`\topcir`	down tack with circle below
U+02B12								`\squaretopblack`	square with top half black
U+02B13								`\squarebotblack`	square with bottom half black
U+02B14								`\squareurblack`	square with upper right diagonal half black
U+02B15								`\squarellblack`	square with lower left diagonal half black
U+02B16								`\diamondleftblack`	diamond with left half black
U+02B17								`\diamondrightblack`	diamond with right half black
U+02B18								`\diamondtopblack`	diamond with top half black
U+02B19								`\diamondbotblack`	diamond with bottom half black
U+02B1A								`\dottedsquare`	dotted square
U+02B1B								`\lgblksquare`	black large square
U+02B1C								`\lgwhtsquare`	white large square
U+02B1D								`\vysmblksquare`	black very small square
U+02B1E								`\vysmwhtsquare`	white very small square
U+02B1F								`\pentagonblack`	black pentagon
U+02B20								`\pentagon`	white pentagon

USV	M	S	E	X	P	L	G	Macro	Description
U+02B21		⬡						`\varhexagon`	white hexagon
U+02B22		⬢						`\varhexagonblack`	black hexagon
U+02B23		⬣						`\hexagonblack`	horizontal black hexagon
U+02B24		⬤	⬤	⬤				`\lgblkcircle`	black large circle
U+02B25		◆	◆	◆				`\mdblkdiamond`	black medium diamond
U+02B26		◇	◇	◇				`\mdwhtdiamond`	white medium diamond
U+02B27		⧫	⧫	⧫				`\mdblklozenge`	black medium lozenge
U+02B28		◊	◊	◊				`\mdwhtlozenge`	white medium lozenge
U+02B29		◆	◆	◆				`\smblkdiamond`	black small diamond
U+02B2A		⧫	⧫	⧫				`\smblklozenge`	black small lozenge
U+02B2B		◊	◊	◊				`\smwhtlozenge`	white small lozenge
U+02B2C		⬬						`\blkhorzoval`	black horizontal ellipse
U+02B2D		⬭						`\whthorzoval`	white horizontal ellipse
U+02B2E		⬮						`\blkvertoval`	black vertical ellipse
U+02B2F		⬯						`\whtvertoval`	white vertical ellipse
U+02B50		☆						`\medwhitestar`	white medium star
U+02B51		★						`\medblackstar`	black medium star
U+02B52		☆						`\smwhitestar`	white small star
U+02B53		⬟						`\rightpentagonblack`	black right-pointing pentagon
U+02B54		⬠						`\rightpentagon`	white right-pointing pentagon
U+03012		〒						`\postalmark`	postal mark
U+03030		〰						`\hzigzag`	zigzag
U+1D7CE	𝟎	𝟎	𝟎	𝟎	𝟎	𝟎	𝟎	`\mbfzero`	mathematical bold digit 0
U+1D7CF	𝟏	𝟏	𝟏	𝟏	𝟏	𝟏	𝟏	`\mbfone`	mathematical bold digit 1
U+1D7D0	𝟐	𝟐	𝟐	𝟐	𝟐	𝟐	𝟐	`\mbftwo`	mathematical bold digit 2
U+1D7D1	𝟑	𝟑	𝟑	𝟑	𝟑	𝟑	𝟑	`\mbfthree`	mathematical bold digit 3
U+1D7D2	𝟒	𝟒	𝟒	𝟒	𝟒	𝟒	𝟒	`\mbffour`	mathematical bold digit 4
U+1D7D3	𝟓	𝟓	𝟓	𝟓	𝟓	𝟓	𝟓	`\mbffive`	mathematical bold digit 5
U+1D7D4	𝟔	𝟔	𝟔	𝟔	𝟔	𝟔	𝟔	`\mbfsix`	mathematical bold digit 6
U+1D7D5	𝟕	𝟕	𝟕	𝟕	𝟕	𝟕	𝟕	`\mbfseven`	mathematical bold digit 7
U+1D7D6	𝟖	𝟖	𝟖	𝟖	𝟖	𝟖	𝟖	`\mbfeight`	mathematical bold digit 8
U+1D7D7	𝟗	𝟗	𝟗	𝟗	𝟗	𝟗	𝟗	`\mbfnine`	mathematical bold digit 9
U+1D7D8	𝟘	𝟘	𝟘	𝟘	𝟘	𝟘	𝟘	`\Bbbzero`	mathematical double-struck digit 0
U+1D7D9	𝟙	𝟙	𝟙	𝟙	𝟙	𝟙	𝟙	`\Bbbone`	mathematical double-struck digit 1

USV	M	S	E	X	P	L	G	Macro	Description
U+1D7DA	𝟚	𝟚	𝟚	𝟚	𝟚	𝟚	𝟚	`\Bbbtwo`	mathematical double-struck digit 2
U+1D7DB	𝟛	𝟛	𝟛	𝟛	𝟛	𝟛	𝟛	`\Bbbthree`	mathematical double-struck digit 3
U+1D7DC	𝟜	𝟜	𝟜	𝟜	𝟜	𝟜	𝟜	`\Bbbfour`	mathematical double-struck digit 4
U+1D7DD	𝟝	𝟝	𝟝	𝟝	𝟝	𝟝	𝟝	`\Bbbfive`	mathematical double-struck digit 5
U+1D7DE	𝟞	𝟞	𝟞	𝟞	𝟞	𝟞	𝟞	`\Bbbsix`	mathematical double-struck digit 6
U+1D7DF	𝟟	𝟟	𝟟	𝟟	𝟟	𝟟	𝟟	`\Bbbseven`	mathematical double-struck digit 7
U+1D7E0	𝟠	𝟠	𝟠	𝟠	𝟠	𝟠	𝟠	`\Bbbeight`	mathematical double-struck digit 8
U+1D7E1	𝟡	𝟡	𝟡	𝟡	𝟡	𝟡	𝟡	`\Bbbnine`	mathematical double-struck digit 9
U+1D7E2	𝟢	𝟢	𝟢	𝟢	𝟢	𝟢	𝟢	`\msanszero`	mathematical sans-serif digit 0
U+1D7E3	𝟣	𝟣	𝟣	𝟣	𝟣	𝟣	𝟣	`\msansone`	mathematical sans-serif digit 1
U+1D7E4	𝟤	𝟤	𝟤	𝟤	𝟤	𝟤	𝟤	`\msanstwo`	mathematical sans-serif digit 2
U+1D7E5	𝟥	𝟥	𝟥	𝟥	𝟥	𝟥	𝟥	`\msansthree`	mathematical sans-serif digit 3
U+1D7E6	𝟦	𝟦	𝟦	𝟦	𝟦	𝟦	𝟦	`\msansfour`	mathematical sans-serif digit 4
U+1D7E7	𝟧	𝟧	𝟧	𝟧	𝟧	𝟧	𝟧	`\msansfive`	mathematical sans-serif digit 5
U+1D7E8	𝟨	𝟨	𝟨	𝟨	𝟨	𝟨	𝟨	`\msanssix`	mathematical sans-serif digit 6
U+1D7E9	𝟩	𝟩	𝟩	𝟩	𝟩	𝟩	𝟩	`\msansseven`	mathematical sans-serif digit 7
U+1D7EA	𝟪	𝟪	𝟪	𝟪	𝟪	𝟪	𝟪	`\msanseight`	mathematical sans-serif digit 8
U+1D7EB	𝟫	𝟫	𝟫	𝟫	𝟫	𝟫	𝟫	`\msansnine`	mathematical sans-serif digit 9
U+1D7EC	𝟬	𝟬	𝟬	𝟬	𝟬	𝟬	𝟬	`\mbfsanszero`	mathematical sans-serif bold digit 0
U+1D7ED	𝟭	𝟭	𝟭	𝟭	𝟭	𝟭	𝟭	`\mbfsansone`	mathematical sans-serif bold digit 1
U+1D7EE	𝟮	𝟮	𝟮	𝟮	𝟮	𝟮	𝟮	`\mbfsanstwo`	mathematical sans-serif bold digit 2
U+1D7EF	𝟯	𝟯	𝟯	𝟯	𝟯	𝟯	𝟯	`\mbfsansthree`	mathematical sans-serif bold digit 3
U+1D7F0	𝟰	𝟰	𝟰	𝟰	𝟰	𝟰	𝟰	`\mbfsansfour`	mathematical sans-serif bold digit 4
U+1D7F1	𝟱	𝟱	𝟱	𝟱	𝟱	𝟱	𝟱	`\mbfsansfive`	mathematical sans-serif bold digit 5
U+1D7F2	𝟲	𝟲	𝟲	𝟲	𝟲	𝟲	𝟲	`\mbfsanssix`	mathematical sans-serif bold digit 6
U+1D7F3	𝟳	𝟳	𝟳	𝟳	𝟳	𝟳	𝟳	`\mbfsansseven`	mathematical sans-serif bold digit 7
U+1D7F4	𝟴	𝟴	𝟴	𝟴	𝟴	𝟴	𝟴	`\mbfsanseight`	mathematical sans-serif bold digit 8
U+1D7F5	𝟵	𝟵	𝟵	𝟵	𝟵	𝟵	𝟵	`\mbfsansnine`	mathematical sans-serif bold digit 9

USV	M	S	E	X	P	L	G	Macro	Description
U+1D7F6	0	0	0	0	0	0	0	`\mttzero`	mathematical monospace digit 0
U+1D7F7	1	1	1	1	1	1	1	`\mttone`	mathematical monospace digit 1
U+1D7F8	2	2	2	2	2	2	2	`\mtttwo`	mathematical monospace digit 2
U+1D7F9	3	3	3	3	3	3	3	`\mtttthree`	mathematical monospace digit 3
U+1D7FA	4	4	4	4	4	4	4	`\mttfour`	mathematical monospace digit 4
U+1D7FB	5	5	5	5	5	5	5	`\mttfive`	mathematical monospace digit 5
U+1D7FC	6	6	6	6	6	6	6	`\mttsix`	mathematical monospace digit 6
U+1D7FD	7	7	7	7	7	7	7	`\mttseven`	mathematical monospace digit 7
U+1D7FE	8	8	8	8	8	8	8	`\mtteight`	mathematical monospace digit 8
U+1D7FF	9	9	9	9	9	9	9	`\mttnine`	mathematical monospace digit 9

14 Relation symbols, `\mathrel`

USV	M	S	E	X	P	L	G	Macro	Description
U+0003C	$<$	$<$	$<$	$<$	$<$	$<$	$<$	`\less`	less-than sign r:
U+0003D	$=$	$=$	$=$	$=$	$=$	$=$	$=$	`\equal`	equals sign r:
U+0003E	$>$	$>$	$>$	$>$	$>$	$>$	$>$	`\greater`	greater-than sign r:
U+02050		$\frown$						`\closure`	close up
U+02190	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$	$\leftarrow$	`\leftarrow`(p)	/leftarrow /gets a: leftward arrow
U+02191	$\uparrow$	$\uparrow$	$\uparrow$	$\uparrow$	$\uparrow$	$\uparrow$	$\uparrow$	`\uparrow`(p)	upward arrow
U+02192	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$	$\rightarrow$	`\rightarrow`(p)	/rightarrow /to a: rightward arrow
U+02193	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	`\downarrow`(p)	downward arrow
U+02194	$\leftrightarrow$	$\leftrightarrow$	$\leftrightarrow$	$\leftrightarrow$	$\leftrightarrow$	$\leftrightarrow$	$\leftrightarrow$	`\leftrightarrow`(p)	left and right arrow
U+02195	$\updownarrow$	$\updownarrow$	$\updownarrow$	$\updownarrow$	$\updownarrow$	$\updownarrow$	$\updownarrow$	`\updownarrow`(p)	up and down arrow
U+02196	$\nwarrow$	$\nwarrow$	$\nwarrow$	$\nwarrow$	$\nwarrow$	$\nwarrow$	$\nwarrow$	`\nwarrow`(p)	nw pointing arrow
U+02197	$\nearrow$	$\nearrow$	$\nearrow$	$\nearrow$	$\nearrow$	$\nearrow$	$\nearrow$	`\nearrow`(p)	ne pointing arrow
U+02198	$\searrow$	$\searrow$	$\searrow$	$\searrow$	$\searrow$	$\searrow$	$\searrow$	`\searrow`(p)	se pointing arrow
U+02199	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	`\swarrow`(p)	sw pointing arrow
U+0219A	$\nleftarrow$	$\nleftarrow$	$\nleftarrow$	$\nleftarrow$	$\nleftarrow$	$\nleftarrow$	$\nleftarrow$	`\nleftarrow`(a)	not left arrow

USV	M	S	E	X	P	L	G	Macro	Description
U+0219B	$\nrightarrow$	$\nrightarrow$	$\nrightarrow$	$\nrightarrow$	$\nrightarrow$	$\nrightarrow$	$\nrightarrow$	`\nrightarrow`[a]	not right arrow
U+0219C		$\leftwavearrow$				$\leftwavearrow$	$\leftwavearrow$	`\leftwavearrow`	left arrow-wavy
U+0219D		$\rightwavearrow$				$\rightwavearrow$	$\rightwavearrow$	`\rightwavearrow`	right arrow-wavy
U+0219E	$\twoheadleftarrow$	$\twoheadleftarrow$	$\twoheadleftarrow$	$\twoheadleftarrow$	$\twoheadleftarrow$	$\twoheadleftarrow$	$\twoheadleftarrow$	`\twoheadleftarrow`[a]	left two-headed arrow
U+0219F	$\twoheaduparrow$	$\twoheaduparrow$	$\twoheaduparrow$	$\twoheaduparrow$	$\twoheaduparrow$	$\twoheaduparrow$	$\twoheaduparrow$	`\twoheaduparrow`	up two-headed arrow
U+021A0	$\twoheadrightarrow$	$\twoheadrightarrow$	$\twoheadrightarrow$	$\twoheadrightarrow$	$\twoheadrightarrow$	$\twoheadrightarrow$	$\twoheadrightarrow$	`\twoheadrightarrow`[a]	right two-headed arrow
U+021A1	$\twoheaddownarrow$	$\twoheaddownarrow$	$\twoheaddownarrow$	$\twoheaddownarrow$	$\twoheaddownarrow$	$\twoheaddownarrow$	$\twoheaddownarrow$	`\twoheaddownarrow`	down two-headed arrow
U+021A2	$\leftarrowtail$	$\leftarrowtail$	$\leftarrowtail$	$\leftarrowtail$	$\leftarrowtail$	$\leftarrowtail$	$\leftarrowtail$	`\leftarrowtail`[a]	left arrow-tailed
U+021A3	$\rightarrowtail$	$\rightarrowtail$	$\rightarrowtail$	$\rightarrowtail$	$\rightarrowtail$	$\rightarrowtail$	$\rightarrowtail$	`\rightarrowtail`[a]	right arrow-tailed
U+021A4	$\mapsfrom$	$\mapsfrom$	$\mapsfrom$	$\mapsfrom$	$\mapsfrom$	$\mapsfrom$	$\mapsfrom$	`\mapsfrom`	maps to, leftward
U+021A5	$\mapsup$	$\mapsup$	$\mapsup$	$\mapsup$	$\mapsup$	$\mapsup$	$\mapsup$	`\mapsup`	maps to, upward
U+021A6	$\mapsto$	$\mapsto$	$\mapsto$	$\mapsto$	$\mapsto$	$\mapsto$	$\mapsto$	`\mapsto`[p]	maps to, rightward
U+021A7	$\mapsdown$	$\mapsdown$	$\mapsdown$	$\mapsdown$	$\mapsdown$	$\mapsdown$	$\mapsdown$	`\mapsdown`	maps to, downward
U+021A9	$\hookleftarrow$	$\hookleftarrow$	$\hookleftarrow$	$\hookleftarrow$	$\hookleftarrow$	$\hookleftarrow$	$\hookleftarrow$	`\hookleftarrow`[p]	left arrow-hooked
U+021AA	$\hookrightarrow$	$\hookrightarrow$	$\hookrightarrow$	$\hookrightarrow$	$\hookrightarrow$	$\hookrightarrow$	$\hookrightarrow$	`\hookrightarrow`[p]	right arrow-hooked
U+021AB	$\looparrowleft$	$\looparrowleft$	$\looparrowleft$	$\looparrowleft$	$\looparrowleft$	$\looparrowleft$	$\looparrowleft$	`\looparrowleft`[a]	left arrow-looped
U+021AC	$\looparrowright$	$\looparrowright$	$\looparrowright$	$\looparrowright$	$\looparrowright$	$\looparrowright$	$\looparrowright$	`\looparrowright`[a]	right arrow-looped
U+021AD	$\leftrightsquigarrow$	$\leftrightsquigarrow$	$\leftrightsquigarrow$	$\leftrightsquigarrow$	$\leftrightsquigarrow$	$\leftrightsquigarrow$	$\leftrightsquigarrow$	`\leftrightsquigarrow`[a]	left and right arr-wavy
U+021AE	$\nleftrightarrow$	$\nleftrightarrow$	$\nleftrightarrow$	$\nleftrightarrow$	$\nleftrightarrow$	$\nleftrightarrow$	$\nleftrightarrow$	`\nleftrightarrow`[a]	not left and right arrow
U+021AF		$\downzigzagarrow$				$\downzigzagarrow$	$\downzigzagarrow$	`\downzigzagarrow`	downwards zigzag arrow
U+021B0	$\Lsh$	$\Lsh$	$\Lsh$	$\Lsh$	$\Lsh$	$\Lsh$	$\Lsh$	`\Lsh`[a]	/lsh a:
U+021B1	$\Rsh$	$\Rsh$	$\Rsh$	$\Rsh$	$\Rsh$	$\Rsh$	$\Rsh$	`\Rsh`[a]	/rsh a:
U+021B2	$\Ldsh$	$\Ldsh$	$\Ldsh$	$\Ldsh$	$\Ldsh$	$\Ldsh$	$\Ldsh$	`\Ldsh`	left down angled arrow
U+021B3	$\Rdsh$	$\Rdsh$	$\Rdsh$	$\Rdsh$	$\Rdsh$	$\Rdsh$	$\Rdsh$	`\Rdsh`	right down angled arrow
U+021B6	$\curvearrowleft$	$\curvearrowleft$	$\curvearrowleft$	$\curvearrowleft$	$\curvearrowleft$	$\curvearrowleft$	$\curvearrowleft$	`\curvearrowleft`[a]	left curved arrow
U+021B7	$\curvearrowright$	$\curvearrowright$	$\curvearrowright$	$\curvearrowright$	$\curvearrowright$	$\curvearrowright$	$\curvearrowright$	`\curvearrowright`[a]	right curved arrow
U+021BC	$\leftharpoonup$	$\leftharpoonup$	$\leftharpoonup$	$\leftharpoonup$	$\leftharpoonup$	$\leftharpoonup$	$\leftharpoonup$	`\leftharpoonup`[p]	left harpoon-up
U+021BD	$\leftharpoondown$	$\leftharpoondown$	$\leftharpoondown$	$\leftharpoondown$	$\leftharpoondown$	$\leftharpoondown$	$\leftharpoondown$	`\leftharpoondown`[p]	left harpoon-down
U+021BE	$\upharpoonright$	$\upharpoonright$	$\upharpoonright$	$\upharpoonright$	$\upharpoonright$	$\upharpoonright$	$\upharpoonright$	`\upharpoonright`[a]	/upharpoonright /restriction a: up harpoon-right
U+021BF	$\upharpoonleft$	$\upharpoonleft$	$\upharpoonleft$	$\upharpoonleft$	$\upharpoonleft$	$\upharpoonleft$	$\upharpoonleft$	`\upharpoonleft`[a]	up harpoon-left
U+021C0	$\rightharpoonup$	$\rightharpoonup$	$\rightharpoonup$	$\rightharpoonup$	$\rightharpoonup$	$\rightharpoonup$	$\rightharpoonup$	`\rightharpoonup`[p]	right harpoon-up
U+021C1	$\rightharpoondown$	$\rightharpoondown$	$\rightharpoondown$	$\rightharpoondown$	$\rightharpoondown$	$\rightharpoondown$	$\rightharpoondown$	`\rightharpoondown`[p]	right harpoon-down
U+021C2	$\downharpoonright$	$\downharpoonright$	$\downharpoonright$	$\downharpoonright$	$\downharpoonright$	$\downharpoonright$	$\downharpoonright$	`\downharpoonright`[a]	down harpoon-right
U+021C3	$\downharpoonleft$	$\downharpoonleft$	$\downharpoonleft$	$\downharpoonleft$	$\downharpoonleft$	$\downharpoonleft$	$\downharpoonleft$	`\downharpoonleft`[a]	down harpoon-left

USV	M	S	E	X	P	L	G	Macro	Description
U+021C4	⇄	⇄	⇄	⇄	⇄	⇆	⇄	`\rightleftarrows`[a]	right arrow over left arrow
U+021C5	⇅	⇅	⇅	⇅	⇅	⇅	⇅	`\updownarrows`	up arrow, down arrow
U+021C6	⇆	⇆	⇆	⇆	⇆	⇄	⇆	`\leftrightarrows`[a]	left arrow over right arrow
U+021C7	⇇	⇇	⇇	⇇	⇇	⇇	⇇	`\leftleftarrows`[a]	two left arrows
U+021C8	⇈	⇈	⇈	⇈	⇈	⇈	⇈	`\upuparrows`[a]	two up arrows
U+021C9	⇉	⇉	⇉	⇉	⇉	⇉	⇉	`\rightrightarrows`[a]	two right arrows
U+021CA	⇊	⇊	⇊	⇊	⇊	⇊	⇊	`\downdownarrows`[a]	two down arrows
U+021CB	⇋	⇋	⇋	⇋	⇋	⇋	⇋	`\leftrightharpoons`[a]	left harpoon over right
U+021CC	⇌	⇌	⇌	⇌	⇌	⇌	⇌	`\rightleftharpoons`[l]	right harpoon over left
U+021CD	⇍	⇍	⇍	⇍	⇍	⇍	⇍	`\nLeftarrow`[a]	not implied by
U+021CE	⇎	⇎	⇎	⇎	⇎	⇎	⇎	`\nLeftrightarrow`[a]	not left and right double arrows
U+021CF	⇏	⇏	⇏	⇏	⇏	⇏	⇏	`\nRightarrow`[a]	not implies
U+021D0	⇐	⇐	⇐	⇐	⇐	⇐	⇐	`\Leftarrow`[p]	is implied by
U+021D1	⇑	⇑	⇑	⇑	⇑	⇑	⇑	`\Uparrow`[p]	up double arrow
U+021D2	⇒	⇒	⇒	⇒	⇒	⇒	⇒	`\Rightarrow`[p]	implies
U+021D3	⇓	⇓	⇓	⇓	⇓	⇓	⇓	`\Downarrow`[p]	down double arrow
U+021D4	⇔	⇔	⇔	⇔	⇔	⇔	⇔	`\Leftrightarrow`[p]	left and right double arrow
U+021D5	⇕	⇕	⇕	⇕	⇕	⇕	⇕	`\Updownarrow`[p]	up and down double arrow
U+021D6	⇖	⇖	⇖	⇖	⇖	⇖	⇖	`\Nwarrow`	nw pointing double arrow
U+021D7	⇗	⇗	⇗	⇗	⇗	⇗	⇗	`\Nearrow`	ne pointing double arrow
U+021D8	⇘	⇘	⇘	⇘	⇘	⇘	⇘	`\Searrow`	se pointing double arrow
U+021D9	⇙	⇙	⇙	⇙	⇙	⇙	⇙	`\Swarrow`	sw pointing double arrow
U+021DA	⇚	⇚	⇚	⇚	⇚	⇚	⇚	`\Lleftarrow`[a]	left triple arrow
U+021DB	⇛	⇛	⇛	⇛	⇛	⇛	⇛	`\Rrightarrow`[a]	right triple arrow
U+021DC	⇜	⇜	⇜	⇜	⇜	⇜	⇜	`\leftsquigarrow`	leftwards squiggle arrow
U+021DD	⇝	⇝	⇝	⇝	⇝	⇝	⇝	`\rightsquigarrow`[a]	rightwards squiggle arrow
U+021E4		⇤				⇤	⇤	`\barleftarrow`	leftwards arrow to bar
U+021E5		⇥				⇥	⇥	`\rightarrowbar`	rightwards arrow to bar
U+021F4		⊸				⊸	⊸	`\circleonrightarrow`	right arrow with small circle
U+021F5	⇵	⇵	⇵	⇵	⇵	⇵	⇵	`\downuparrows`	downwards arrow leftwards of upwards arrow
U+021F6	⇶	⇶	⇶	⇶	⇶	⇶	⇶	`\rightthreearrows`	three rightwards arrows
U+021F7		↮				↮	↮	`\nvleftarrow`	leftwards arrow with vertical stroke
U+021F8		↛				↛	↛	`\nvrightarrow`	rightwards arrow with vertical stroke

USV	M	S	E	X	P	L	G	Macro	Description
U+021F9								`\nvleftrightarrow`	left right arrow with vertical stroke
U+021FA								`\nVleftarrow`	leftwards arrow with double vertical stroke
U+021FB								`\nVrightarrow`	rightwards arrow with double vertical stroke
U+021FC								`\nVleftrightarrow`	left right arrow with double vertical stroke
U+021FD								`\leftarrowtriangle`	leftwards open-headed arrow
U+021FE								`\rightarrowtriangle`	rightwards open-headed arrow
U+021FF								`\leftrightarrowtriangle`	left right open-headed arrow
U+02208								`\in`(p)	set membership, variant
U+02209								`\notin`(l)	negated set membership
U+0220A								`\smallin`	set membership (small set membership)
U+0220B								`\ni`(p)	contains, variant
U+0220C								`\nni`	negated contains, variant
U+0220D								`\smallni`	/ni /owns r: contains (small contains as member)
U+0221D								`\propto`(p)	is proportional to
U+02223								`\mid`(p)	/mid r:
U+02224								`\nmid`(a)	negated mid
U+02225								`\parallel`(p)	parallel
U+02226								`\nparallel`(a)	not parallel
U+02236								`\mathratio`	ratio
U+02237								`\Colon`	two colons
U+02239								`\dashcolon`	excess (-:)
U+0223A								`\dotsminusdots`	minus with four dots, geometric properties
U+0223B								`\kernelcontraction`	homothetic
U+0223C								`\sim`(p)	similar
U+0223D								`\backsim`(a)	reverse similar
U+02241								`\nsim`(a)	not similar
U+02242								`\eqsim`(a)	equals, similar
U+02243								`\simeq`(p)	similar, equals
U+02244								`\nsime`	not similar, equals
U+02243								`\sime`	similar, equals (alias)
U+02244								`\nsimeq`	not similar, equals (alias)

USV	M	S	E	X	P	L	G	Macro	Description
U+02245	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	`\cong`(l)	congruent with
U+02246	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	`\simneqq`	similar, not equals [vert only for 9573 entity]
U+02247	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	$\ncong$	`\ncong`(a)	not congruent with
U+02248	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	`\approx`(p)	approximate
U+02249	$\napprox$	$\napprox$	$\napprox$	$\napprox$	$\napprox$	$\napprox$	$\napprox$	`\napprox`	not approximate
U+0224A	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	`\approxeq`(a)	approximate, equals
U+0224B	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	$\approx$	`\approxident`	approximately identical to
U+0224C	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	$\cong$	`\backcong`	all equal to
U+0224D	$\asymp$	$\asymp$	$\asymp$	$\asymp$	$\asymp$	$\asymp$	$\asymp$	`\asymp`(p)	asymptotically equal to
U+0224E	$\Bumpeq$	$\Bumpeq$	$\Bumpeq$	$\Bumpeq$	$\Bumpeq$		$\Bumpeq$	`\Bumpeq`(a)	bumpy equals
U+0224F	$\bumpeq$	$\bumpeq$	$\bumpeq$	$\bumpeq$	$\bumpeq$		$\bumpeq$	`\bumpeq`(a)	bumpy equals, equals
U+02250	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	`\doteq`(l)	equals, single dot above
U+02251	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	$\doteq$	`\Doteq`(a)	/doteqdot /doteq r: equals, even dots
U+02252	$\fallingdotseq$	$\fallingdotseq$	$\fallingdotseq$	$\fallingdotseq$	$\fallingdotseq$	$\fallingdotseq$	$\fallingdotseq$	`\fallingdotseq`(a)	equals, falling dots
U+02253	$\risingdotseq$	$\risingdotseq$	$\risingdotseq$	$\risingdotseq$	$\risingdotseq$	$\risingdotseq$	$\risingdotseq$	`\risingdotseq`(a)	equals, rising dots
U+02254	$:=$	$:=$	$:=$	$:=$	$:=$	$:=$	$:=$	`\coloneq`	colon, equals
U+02255	$=:$	$=:$	$=:$	$=:$	$=:$	$=:$	$=:$	`\eqcolon`	equals, colon
U+02256	$\eqcirc$	$\eqcirc$	$\eqcirc$	$\eqcirc$	$\eqcirc$	$\eqcirc$	$\eqcirc$	`\eqcirc`(a)	circle on equals sign
U+02257	$\circeq$	$\circeq$	$\circeq$	$\circeq$	$\circeq$	$\circeq$		`\circeq`(a)	circle, equals
U+02258	$\arceq$	$\arceq$	$\arceq$	$\arceq$	$\arceq$	$\arceq$		`\arceq`	arc, equals; corresponds to
U+02259	$\wedge\!=$	$\wedge\!=$	$\wedge\!=$	$\wedge\!=$	$\wedge\!=$	$\wedge\!=$		`\wedgeq`	corresponds to (wedge, equals)
U+0225A	$\vee\!=$	$\vee\!=$	$\vee\!=$	$\vee\!=$	$\vee\!=$	$\vee\!=$		`\veeeq`	logical or, equals
U+0225B	$\stackrel{\star}{=}$	$\stackrel{\star}{=}$	$\stackrel{\star}{=}$	$\stackrel{\star}{=}$	$\stackrel{\star}{=}$	$\stackrel{\star}{=}$		`\stareq`	star equals
U+0225C	$\triangleq$	$\triangleq$	$\triangleq$	$\triangleq$	$\triangleq$	$\triangleq$		`\triangleq`(a)	triangle, equals
U+0225D	$\stackrel{\text{def}}{=}$	$\stackrel{\text{def}}{=}$	$\stackrel{\text{def}}{=}$	$\stackrel{\text{def}}{=}$	$\stackrel{\text{def}}{=}$	$\stackrel{\text{def}}{=}$		`\eqdef`	equals by definition
U+0225E	$\stackrel{\text{m}}{=}$	$\stackrel{\text{m}}{=}$	$\stackrel{\text{m}}{=}$	$\stackrel{\text{m}}{=}$	$\stackrel{\text{m}}{=}$	$\stackrel{\text{m}}{=}$		`\measeq`	measured by (m over equals)
U+0225F	$\stackrel{?}{=}$	$\stackrel{?}{=}$	$\stackrel{?}{=}$	$\stackrel{?}{=}$	$\stackrel{?}{=}$	$\stackrel{?}{=}$		`\questeq`	equal with questionmark
U+02260	$\neq$	$\neq$	$\neq$	$\neq$	$\neq$	$\neq$	$\neq$	`\ne`(p)	/ne /neq r: not equal
U+02261	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	`\equiv`(p)	identical with
U+02262	$\not\equiv$	$\not\equiv$	$\not\equiv$	$\not\equiv$	$\not\equiv$	$\not\equiv$	$\not\equiv$	`\nequiv`	not identical with
U+02263	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	$\equiv$	`\Equiv`	strict equivalence (4 lines)
U+02264	$\leq$	$\leq$	$\leq$	$\leq$	$\leq$	$\leq$	$\leq$	`\leq`(p)	/leq /le r: less-than-or-equal
U+02265	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	`\geq`(p)	/geq /ge r: greater-than-or-equal

USV	M	S	E	X	P	L	G	Macro	Description
U+02266	$\leqq$	$\leqq$	$\leqq$	$\leqq$	$\leqq$	$\leqq$	$\leqq$	`\leqq`[a]	less, double equals
U+02267	$\geqq$	$\geqq$	$\geqq$	$\geqq$	$\geqq$	$\geqq$	$\geqq$	`\geqq`[a]	greater, double equals
U+02268	$\lneqq$	$\lneqq$	$\lneqq$	$\lneqq$	$\lneqq$	$\lneqq$	$\lneqq$	`\lneqq`[a]	less, not double equals
U+02269	$\gneqq$	$\gneqq$	$\gneqq$	$\gneqq$	$\gneqq$	$\gneqq$	$\gneqq$	`\gneqq`[a]	greater, not double equals
U+0226A	$\ll$	$\ll$	$\ll$	$\ll$	$\ll$	$\ll$	$\ll$	`\ll`[p]	much less than, type 2
U+0226B	$\gg$	$\gg$	$\gg$	$\gg$	$\gg$	$\gg$	$\gg$	`\gg`[p]	much greater than, type 2
U+0226C	$\between$	$\between$	$\between$	$\between$	$\between$	$\between$	$\between$	`\between`[a]	between
U+0226D	$\nasymp$	$\nasymp$	$\nasymp$	$\nasymp$	$\nasymp$	$\nasymp$	$\nasymp$	`\nasymp`	not asymptotically equal to
U+0226E	$\nless$	$\nless$	$\nless$	$\nless$	$\nless$	$\nless$	$\nless$	`\nless`[a]	not less-than
U+0226F	$\ngtr$	$\ngtr$	$\ngtr$	$\ngtr$	$\ngtr$	$\ngtr$	$\ngtr$	`\ngtr`[a]	not greater-than
U+02270	$\nleq$	$\nleq$	$\nleq$	$\nleq$	$\nleq$	$\nleq$	$\nleq$	`\nleq`[a]	not less-than-or-equal
U+02271	$\ngeq$	$\ngeq$	$\ngeq$	$\ngeq$	$\ngeq$	$\ngeq$	$\ngeq$	`\ngeq`[a]	not greater-than-or-equal
U+02272	$\lesssim$	$\lesssim$	$\lesssim$	$\lesssim$	$\lesssim$	$\lesssim$	$\lesssim$	`\lesssim`[a]	less, similar
U+02273	$\gtrsim$	$\gtrsim$	$\gtrsim$	$\gtrsim$	$\gtrsim$	$\gtrsim$	$\gtrsim$	`\gtrsim`[a]	greater, similar
U+02274	$\nlesssim$	$\nlesssim$	$\nlesssim$	$\nlesssim$	$\nlesssim$	$\nlesssim$	$\nlesssim$	`\nlesssim`	not less, similar
U+02275	$\ngtrsim$	$\ngtrsim$	$\ngtrsim$	$\ngtrsim$	$\ngtrsim$	$\ngtrsim$	$\ngtrsim$	`\ngtrsim`	not greater, similar
U+02276	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	$\lessgtr$	`\lessgtr`[a]	less, greater
U+02277	$\gtrless$	$\gtrless$	$\gtrless$	$\gtrless$	$\gtrless$	$\gtrless$	$\gtrless$	`\gtrless`[a]	greater, less
U+02278	$\nlessgtr$	$\nlessgtr$	$\nlessgtr$	$\nlessgtr$	$\nlessgtr$	$\nlessgtr$	$\nlessgtr$	`\nlessgtr`	not less, greater
U+02279	$\ngtrless$	$\ngtrless$	$\ngtrless$	$\ngtrless$	$\ngtrless$	$\ngtrless$	$\ngtrless$	`\ngtrless`	not greater, less
U+0227A	$\prec$	$\prec$	$\prec$	$\prec$	$\prec$	$\prec$	$\prec$	`\prec`[p]	precedes
U+0227B	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$	$\succ$	`\succ`[p]	succeeds
U+0227C	$\preccurlyeq$	$\preccurlyeq$	$\preccurlyeq$	$\preccurlyeq$	$\preccurlyeq$	$\preccurlyeq$	$\preccurlyeq$	`\preccurlyeq`[a]	precedes, curly equals
U+0227D	$\succcurlyeq$	$\succcurlyeq$	$\succcurlyeq$	$\succcurlyeq$	$\succcurlyeq$	$\succcurlyeq$	$\succcurlyeq$	`\succcurlyeq`[a]	succeeds, curly equals
U+0227E	$\precsim$	$\precsim$	$\precsim$	$\precsim$	$\precsim$	$\precsim$	$\precsim$	`\precsim`[a]	precedes, similar
U+0227F	$\succsim$	$\succsim$	$\succsim$	$\succsim$	$\succsim$	$\succsim$	$\succsim$	`\succsim`[a]	succeeds, similar
U+02280	$\nprec$	$\nprec$	$\nprec$	$\nprec$	$\nprec$	$\nprec$	$\nprec$	`\nprec`[a]	not precedes
U+02281	$\nsucc$	$\nsucc$	$\nsucc$	$\nsucc$	$\nsucc$	$\nsucc$	$\nsucc$	`\nsucc`[a]	not succeeds
U+02282	$\subset$	$\subset$	$\subset$	$\subset$	$\subset$	$\subset$	$\subset$	`\subset`[p]	subset or is implied by
U+02283	$\supset$	$\supset$	$\supset$	$\supset$	$\supset$	$\supset$	$\supset$	`\supset`[p]	superset or implies
U+02284	$\not\subset$	$\not\subset$	$\not\subset$	$\not\subset$	$\not\subset$	$\not\subset$	$\not\subset$	`\nsubset`	not subset, variant [slash negation]
U+02285	$\not\supset$	$\not\supset$	$\not\supset$	$\not\supset$	$\not\supset$	$\not\supset$	$\not\supset$	`\nsupset`	not superset, variant [slash negation]
U+02286	$\subseteq$	$\subseteq$	$\subseteq$	$\subseteq$	$\subseteq$	$\subseteq$	$\subseteq$	`\subseteq`[p]	subset, equals
U+02287	$\supseteq$	$\supseteq$	$\supseteq$	$\supseteq$	$\supseteq$	$\supseteq$	$\supseteq$	`\supseteq`[p]	superset, equals

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U+02288	$\nsubseteq$	$\nsubseteq$	$\nsubseteq$	$\nsubseteq$	$\nsubseteq$	$\nsubseteq$	$\nsubseteq$	`\nsubseteq`[a]	not subset, equals
U+02289	$\nsupseteq$	$\nsupseteq$	$\nsupseteq$	$\nsupseteq$	$\nsupseteq$	$\nsupseteq$	$\nsupseteq$	`\nsupseteq`[a]	not superset, equals
U+0228A	$\subsetneq$	$\subsetneq$	$\subsetneq$	$\subsetneq$	$\subsetneq$	$\subsetneq$	$\subsetneq$	`\subsetneq`[a]	subset, not equals
U+0228B	$\supsetneq$	$\supsetneq$	$\supsetneq$	$\supsetneq$	$\supsetneq$	$\supsetneq$	$\supsetneq$	`\supsetneq`[a]	superset, not equals
U+0228F	$\sqsubset$	$\sqsubset$	$\sqsubset$	$\sqsubset$	$\sqsubset$	$\sqsubset$	$\sqsubset$	`\sqsubset`	square subset
U+02290	$\sqsupset$	$\sqsupset$	$\sqsupset$	$\sqsupset$	$\sqsupset$	$\sqsupset$	$\sqsupset$	`\sqsupset`	square superset
U+02291	$\sqsubseteq$	$\sqsubseteq$	$\sqsubseteq$	$\sqsubseteq$	$\sqsubseteq$	$\sqsubseteq$	$\sqsubseteq$	`\sqsubseteq`[p]	square subset, equals
U+02292	$\sqsupseteq$	$\sqsupseteq$	$\sqsupseteq$	$\sqsupseteq$	$\sqsupseteq$	$\sqsupseteq$	$\sqsupseteq$	`\sqsupseteq`[p]	square superset, equals
U+022A2	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	`\vdash`[p]	vertical, dash
U+022A3	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	`\dashv`[p]	dash, vertical
U+022A6	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	`\assert`	assertion (vertical, short dash)
U+022A7	$\models$	$\models$	$\models$	$\models$	$\models$	$\models$	$\models$	`\models`[p]	models (vertical, short double dash)
U+022A8	$\models$	$\models$	$\models$	$\models$	$\models$	$\models$	$\models$	`\vDash`[a]	vertical, double dash
U+022A9	$\Vdash$	$\Vdash$	$\Vdash$	$\Vdash$	$\Vdash$	$\Vdash$	$\Vdash$	`\Vdash`[a]	double vertical, dash
U+022AA	$\Vvdash$	$\Vvdash$	$\Vvdash$	$\Vvdash$	$\Vvdash$	$\Vvdash$	$\Vvdash$	`\Vvdash`[a]	triple vertical, dash
U+022AB	$\VDash$	$\VDash$	$\VDash$	$\VDash$	$\VDash$	$\VDash$	$\VDash$	`\VDash`	double vert, double dash
U+022AC	$\nvdash$	$\nvdash$	$\nvdash$	$\nvdash$	$\nvdash$	$\nvdash$	$\nvdash$	`\nvdash`[a]	not vertical, dash
U+022AD	$\nvDash$	$\nvDash$	$\nvDash$	$\nvDash$	$\nvDash$	$\nvDash$	$\nvDash$	`\nvDash`[a]	not vertical, double dash
U+022AE	$\nVdash$	$\nVdash$	$\nVdash$	$\nVdash$	$\nVdash$	$\nVdash$	$\nVdash$	`\nVdash`[a]	not double vertical, dash
U+022AF	$\nVDash$	$\nVDash$	$\nVDash$	$\nVDash$	$\nVDash$	$\nVDash$	$\nVDash$	`\nVDash`[a]	not double vert, double dash
U+022B0		$\prurel$					$\prurel$	`\prurel`	element precedes under relation
U+022B1		$\scurel$					$\scurel$	`\scurel`	succeeds under relation
U+022B2	$\triangleleft$	$\triangleleft$	$\triangleleft$	$\triangleleft$	$\triangleleft$	$\triangleleft$	$\triangleleft$	`\vartriangleleft`[a]	left triangle, open, variant
U+022B3	$\triangleright$	$\triangleright$	$\triangleright$	$\triangleright$	$\triangleright$	$\triangleright$	$\triangleright$	`\vartriangleright`[a]	right triangle, open, variant
U+022B4	$\trianglelefteq$	$\trianglelefteq$	$\trianglelefteq$	$\trianglelefteq$	$\trianglelefteq$	$\trianglelefteq$	$\trianglelefteq$	`\trianglelefteq`[a]	left triangle, equals
U+022B5	$\trianglerighteq$	$\trianglerighteq$	$\trianglerighteq$	$\trianglerighteq$	$\trianglerighteq$	$\trianglerighteq$	$\trianglerighteq$	`\trianglerighteq`[a]	right triangle, equals
U+022B6	$\origof$	$\origof$	$\origof$	$\origof$	$\origof$	$\origof$	$\origof$	`\origof`	original of
U+022B7	$\imageof$	$\imageof$	$\imageof$	$\imageof$	$\imageof$	$\imageof$	$\imageof$	`\imageof`	image of
U+022B8	$\multimap$	$\multimap$	$\multimap$	$\multimap$	$\multimap$		$\multimap$	`\multimap`[a]	/multimap a:
U+022C8	$\bowtie$	$\bowtie$	$\bowtie$	$\bowtie$	$\bowtie$	$\bowtie$	$\bowtie$	`\bowtie`[p]	bowtie
U+022CD	$\backsimeq$	$\backsimeq$	$\backsimeq$	$\backsimeq$	$\backsimeq$	$\backsimeq$	$\backsimeq$	`\backsimeq`[a]	reverse similar, equals
U+022D0	$\Subset$	$\Subset$	$\Subset$	$\Subset$	$\Subset$		$\Subset$	`\Subset`[a]	double subset
U+022D1	$\Supset$	$\Supset$	$\Supset$	$\Supset$	$\Supset$		$\Supset$	`\Supset`[a]	double superset
U+022D4		$\pitchfork$	$\pitchfork$	$\pitchfork$			$\pitchfork$	`\pitchfork`[a]	pitchfork

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U+022D5	⋕	⋕	⋕	⋕	⋕		⋕	`\equalparallel`	parallel, equal; equal or parallel
U+022D6	⋖	⋖	⋖	⋖	⋖	⋖	⋖	`\lessdot`[a]	less than, with dot
U+022D7	⋗	⋗	⋗	⋗	⋗	⋗	⋗	`\gtrdot`[a]	greater than, with dot
U+022D8	⋘	⋘	⋘	⋘	⋘	⋘	⋘	`\lll`[a]	/ll /lll /llless r: triple less-than
U+022D9	⋙	⋙	⋙	⋙	⋙	⋙	⋙	`\ggg`[a]	/ggg /gg /gggtr r: triple greater-than
U+022DA	⋚	⋚	⋚	⋚	⋚	⋚	⋚	`\lesseqgtr`[a]	less, equals, greater
U+022DB	⋛	⋛	⋛	⋛	⋛	⋛	⋛	`\gtreqless`[a]	greater, equals, less
U+022DC	⋜	⋜	⋜	⋜	⋜	⋜	⋜	`\eqless`	equal-or-less
U+022DD	⋝	⋝	⋝	⋝	⋝	⋝	⋝	`\eqgtr`	equal-or-greater
U+022DE	⋞	⋞	⋞	⋞	⋞	⋞	⋞	`\curlyeqprec`[a]	curly equals, precedes
U+022DF	⋟	⋟	⋟	⋟	⋟	⋟	⋟	`\curlyeqsucc`[a]	curly equals, succeeds
U+022E0	⋠	⋠	⋠	⋠	⋠	⋠	⋠	`\npreccurlyeq`	not precedes, curly equals
U+022E1	⋡	⋡	⋡	⋡	⋡	⋡	⋡	`\nsucccurlyeq`	not succeeds, curly equals
U+022E2	⋢	⋢	⋢	⋢	⋢	⋢	⋢	`\nsqsubseteq`	not, square subset, equals
U+022E3	⋣	⋣	⋣	⋣	⋣	⋣	⋣	`\nsqsupseteq`	not, square superset, equals
U+022E4	⋤	⋤	⋤	⋤	⋤	⋤	⋤	`\sqsubsetneq`	square subset, not equals
U+022E5	⋥	⋥	⋥	⋥	⋥	⋥	⋥	`\sqsupsetneq`	square superset, not equals
U+022E6	⋦	⋦	⋦	⋦	⋦	⋦	⋦	`\lnsim`[a]	less, not similar
U+022E7	⋧	⋧	⋧	⋧	⋧	⋧	⋧	`\gnsim`[a]	greater, not similar
U+022E8	⋨	⋨	⋨	⋨	⋨	⋨	⋨	`\precnsim`[a]	precedes, not similar
U+022E9	⋩	⋩	⋩	⋩	⋩	⋩	⋩	`\succnsim`[a]	succeeds, not similar
U+022EA	⋪	⋪	⋪	⋪	⋪	⋪	⋪	`\nvartriangleleft`	not left triangle
U+022EB	⋫	⋫	⋫	⋫	⋫	⋫	⋫	`\nvartriangleright`	not right triangle
U+022EC	⋬	⋬	⋬	⋬	⋬	⋬	⋬	`\ntrianglelefteq`[a]	not left triangle, equals
U+022ED	⋭	⋭	⋭	⋭	⋭	⋭	⋭	`\ntrianglerighteq`[a]	not right triangle, equals
U+022EE	⋮	⋮	⋮	⋮	⋮	⋮	⋮	`\vdots`[p]	vertical ellipsis
U+022F0	⋰	⋰	⋰	⋰	⋰	⋰	⋰	`\adots`	three dots, ascending
U+022F1	⋱	⋱	⋱	⋱	⋱	⋱	⋱	`\ddots`[p]	three dots, descending
U+022F2		⋲						`\disin`	element of with long horizontal stroke
U+022F3		⋳						`\varisins`	element of with vertical bar at end of horizontal stroke
U+022F4		⋴						`\isins`	small element of with vertical bar at end of horizontal stroke
U+022F5		⋵						`\isindot`	element of with dot above
U+022F6		⋶						`\varisinobar`	element of with overbar

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U+022F7		$\bar{\in}$						`\isinobar`	small element of with overbar
U+022F8		$\underline{\in}$						`\isinvb`	element of with underbar
U+022F9		$\in$						`\isinE`	element of with two horizontal strokes
U+022FA		$\ni$						`\nisd`	contains with long horizontal stroke
U+022FB		$\ni$						`\varnis`	contains with vertical bar at end of horizontal stroke
U+022FC		$\ni$						`\nis`	small contains with vertical bar at end of horizontal stroke
U+022FD		$\bar{\ni}$						`\varniobar`	contains with overbar
U+022FE		$\bar{\ni}$						`\niobar`	small contains with overbar
U+022FF		$\sqsubset$						`\bagmember`	z notation bag membership
U+02322	$\frown$	$\frown$	$\frown$	$\frown$	$\frown$	$\frown$	$\frown$	`\frown`(p)	down curve
U+02323	$\smile$	$\smile$	$\smile$	$\smile$	$\smile$	$\smile$	$\smile$	`\smile`(p)	up curve
U+0233F		$\not/$						`\APLnotslash`	solidus, bar through (apl functional symbol slash bar)
U+025B5		$\triangle$	$\triangle$	$\triangle$				`\vartriangle`(a)	/triangle - up triangle, open
U+027C2	$\perp$	$\perp$	$\perp$	$\perp$	$\perp$	$\perp$	$\perp$	`\perp`(p)	perpendicular
U+027C8		$\backslash\subset$						`\bsolhsub`	reverse solidus preceding subset
U+027C9		$\supset/$						`\suphsol`	superset preceding solidus
U+027D2		$\Cup$						`\upin`	element of opening upwards
U+027D3		$\lrcorner$						`\pullback`	lower right corner with dot
U+027D4		$\ulcorner$						`\pushout`	upper left corner with dot
U+027DA	$\Vdash\!\!\dashv$	$\Vdash\!\!\dashv$	$\Vdash\!\!\dashv$	$\Vdash\!\!\dashv$	$\Vdash\!\!\dashv$		$\Vdash\!\!\dashv$	`\DashVDash`	left and right double turnstile
U+027DB	$\dashv\!\!\vdash$	$\dashv\!\!\vdash$	$\dashv\!\!\vdash$	$\dashv\!\!\vdash$	$\dashv\!\!\vdash$		$\dashv\!\!\vdash$	`\dashVdash`	left and right tack
U+027DC	$\multimap$	$\multimap$	$\multimap$	$\multimap$	$\multimap$		$\multimap$	`\multimapinv`	left multimap
U+027DD	$\vdash$	$\vdash\!\!\!-$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	`\vlongdash`	long left tack
U+027DE	$\dashv$	$-\!\!\!\dashv$	$\dashv$	$\dashv$	$\dashv$		$\dashv$	`\longdashv`	long right tack
U+027DF		$\bot$						`\cirbot`	up tack with circle above
U+027F0		$\Uparrow$						`\UUparrow`	upwards quadruple arrow
U+027F1		$\Downarrow$						`\DDownarrow`	downwards quadruple arrow
U+027F2		$\circlearrowleft$				$\circlearrowleft$	$\circlearrowleft$	`\acwgapcirclearrow`	anticlockwise gapped circle arrow
U+027F3		$\circlearrowright$				$\circlearrowright$	$\circlearrowright$	`\cwgapcirclearrow`	clockwise gapped circle arrow
U+027F4	$\oplus\!\!\rightarrow$	$\oplus\!\!\rightarrow$	$\oplus\!\!\rightarrow$	$\oplus\!\!\rightarrow$	$\oplus\!\!\rightarrow$			`\rightarrowonoplus`	right arrow with circled plus
U+027F5	$\longleftarrow$	$\longleftarrow$	$\longleftarrow$	$\longleftarrow$	$\longleftarrow$	$\longleftarrow$	$\longleftarrow$	`\longleftarrow`(p)	long leftwards arrow
U+027F6	$\longrightarrow$	$\longrightarrow$	$\longrightarrow$	$\longrightarrow$	$\longrightarrow$	$\longrightarrow$	$\longrightarrow$	`\longrightarrow`(p)	long rightwards arrow

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U+027F7	$\longleftrightarrow$	$\longleftrightarrow$	$\longleftrightarrow$	$\longleftrightarrow$	$\longleftrightarrow$	$\longleftrightarrow$	$\longleftrightarrow$	`\longleftrightarrow`(p)	long left right arrow
U+027F8	$\Longleftarrow$	$\Longleftarrow$	$\Longleftarrow$	$\Longleftarrow$	$\Longleftarrow$	$\Longleftarrow$	$\Longleftarrow$	`\Longleftarrow`(p)	long leftwards double arrow
U+027F9	$\Longrightarrow$	$\Longrightarrow$	$\Longrightarrow$	$\Longrightarrow$	$\Longrightarrow$	$\Longrightarrow$	$\Longrightarrow$	`\Longrightarrow`(p)	long rightwards double arrow
U+027FA	$\Longleftrightarrow$	$\Longleftrightarrow$	$\Longleftrightarrow$	$\Longleftrightarrow$	$\Longleftrightarrow$	$\Longleftrightarrow$	$\Longleftrightarrow$	`\Longleftrightarrow`(p)	long left right double arrow
U+027FB	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	$\longleftarrow\!\!\mid$	`\longmapsfrom`	long leftwards arrow from bar
U+027FC	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	$\mid\!\!\longrightarrow$	`\longmapsto`(p)	long rightwards arrow from bar
U+027FD	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	$\Longleftarrow\!\!\mid$	`\Longmapsfrom`	long leftwards double arrow from bar
U+027FE	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	$\mid\!\!\Longrightarrow$	`\Longmapsto`	long rightwards double arrow from bar
U+027FF	$\rightsquigarrow$	$\rightsquigarrow$	$\rightsquigarrow$	$\rightsquigarrow$	$\rightsquigarrow$	$\rightsquigarrow$	$\rightsquigarrow$	`\longrightsquigarrow`	long rightwards squiggle arrow
U+02900		$\nrightarrow$						`\nvtwoheadrightarrow`	rightwards two-headed arrow with vertical stroke
U+02901		$\nrightarrow$						`\nVtwoheadrightarrow`	rightwards two-headed arrow with double vertical stroke
U+02902		$\nLeftarrow$				$\nLeftarrow$		`\nvLeftarrow`	leftwards double arrow with vertical stroke
U+02903		$\nRightarrow$				$\nRightarrow$		`\nvRightarrow`	rightwards double arrow with vertical stroke
U+02904		$\nLeftrightarrow$				$\nLeftrightarrow$		`\nvLeftrightarrow`	left right double arrow with vertical stroke
U+02905		$\mapsto$						`\twoheadmapsto`	rightwards two-headed arrow from bar
U+02906	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	$\Leftarrow\!\!\mid$	`\Mapsfrom`	leftwards double arrow from bar
U+02907	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	$\mid\!\!\Rightarrow$	`\Mapsto`	rightwards double arrow from bar
U+02908		$\downarrow\!\!\!\mid$						`\downarrowbarred`	downwards arrow with horizontal stroke
U+02909		$\uparrow\!\!\!\mid$						`\uparrowbarred`	upwards arrow with horizontal stroke
U+0290A		$\Uparrow$				$\Uparrow$		`\Uuparrow`	upwards triple arrow
U+0290B		$\Downarrow$				$\Downarrow$		`\Ddownarrow`	downwards triple arrow
U+0290C		$\leftarrow\!\!-$						`\leftbkarrow`	leftwards double dash arrow
U+0290D		$-\!\!\rightarrow$						`\rightbkarrow`	rightwards double dash arrow
U+0290E		$\leftarrow\!\!\cdots$						`\leftdbkarrow`	leftwards triple dash arrow
U+0290F		$\cdots\!\!\rightarrow$						`\dbkarrow`	rightwards triple dash arrow
U+02910		$\rightarrow\!\!\cdots\!\!\rightarrow$						`\drbkarrow`	rightwards two-headed triple dash arrow
U+02911		$\cdots\!\!\rightarrow$						`\rightdotarrow`	rightwards arrow with dotted stem
U+02912		$\uparrow\!\!\!\mid$						`\baruparrow`	upwards arrow to bar
U+02913		$\downarrow\!\!\!\mid$						`\downarrowbar`	downwards arrow to bar

USV	M	S	E	X	P	L	G	Macro	Description
U+02914		⤔						`\nvrightarrowtail`	rightwards arrow with tail with vertical stroke
U+02915		⤕						`\nVrightarrowtail`	rightwards arrow with tail with double vertical stroke
U+02916		⤖						`\twoheadrightarrowtail`	rightwards two-headed arrow with tail
U+02917		⤗						`\nvtwoheadrightarrowtail`	rightwards two-headed arrow with tail with vertical stroke
U+02918		⤘						`\nVtwoheadrightarrowtail`	rightwards two-headed arrow with tail with double vertical stroke
U+02919		⤙						`\lefttail`	leftwards arrow-tail
U+0291A		⤚						`\righttail`	rightwards arrow-tail
U+0291B		⤛						`\leftdbltail`	leftwards double arrow-tail
U+0291C		⤜						`\rightdbltail`	rightwards double arrow-tail
U+0291D		⤝						`\diamondleftarrow`	leftwards arrow to black diamond
U+0291E		⤞						`\rightarrowdiamond`	rightwards arrow to black diamond
U+0291F		⤟						`\diamondleftarrowbar`	leftwards arrow from bar to black diamond
U+02920		⤠						`\barrightarrowdiamond`	rightwards arrow from bar to black diamond
U+02921		⤡						`\nwsearrow`	north west and south east arrow
U+02922		⤢						`\neswarrow`	north east and south west arrow
U+02923		⤣						`\hknwarrow`	north west arrow with hook
U+02924		⤤						`\hknearrow`	north east arrow with hook
U+02925		⤥						`\hksearrow`	south east arrow with hook
U+02926		⤦						`\hkswarrow`	south west arrow with hook
U+02927		⤧						`\tona`	north west arrow and north east arrow
U+02928		⤨						`\toea`	north east arrow and south east arrow
U+02929		⤩						`\tosa`	south east arrow and south west arrow
U+0292A		⤪						`\towa`	south west arrow and north west arrow
U+02933		⤳	⤳	⤳				`\rightcurvedarrow`	wave arrow pointing directly right
U+02936		⤶	⤶	⤶				`\leftdowncurvedarrow`	arrow pointing downwards then curving leftwards
U+02937		⤷	⤷	⤷				`\rightdowncurvedarrow`	arrow pointing downwards then curving rightwards
U+02938		⤸						`\cwrightarcarrow`	right-side arc clockwise arrow
U+02939		⤹						`\acwleftarcarrow`	left-side arc anticlockwise arrow

USV	M	S	E	X	P	L	G	Macro	Description
U+0293A		⤺						`\acwoverarcarrow`	top arc anticlockwise arrow
U+0293B		⤻						`\acwunderarcarrow`	bottom arc anticlockwise arrow
U+0293C		⤼						`\curvearrowrightminus`	top arc clockwise arrow with minus
U+0293D		⤽						`\curvearrowleftplus`	top arc anticlockwise arrow with plus
U+0293E		⤾						`\cwundercurvearrow`	lower right semicircular clockwise arrow
U+0293F		⤿						`\ccwundercurvearrow`	lower left semicircular anticlockwise arrow
U+02940		⥀						`\acwcirclearrow`	anticlockwise closed circle arrow
U+02941		⥁						`\cwcirclearrow`	clockwise closed circle arrow
U+02942		⥂						`\rightarrowshortleftarrow`	rightwards arrow above short leftwards arrow
U+02943		⥃						`\leftarrowshortrightarrow`	leftwards arrow above short rightwards arrow
U+02944		⥄						`\shortrightarrowleftarrow`	short rightwards arrow above leftwards arrow
U+02945		⥅						`\rightarrowplus`	rightwards arrow with plus below
U+02946		⥆						`\leftarrowplus`	leftwards arrow with plus below
U+02947		⥇						`\rightarrowx`	rightwards arrow through x
U+02948		⥈						`\leftrightarrowcircle`	left right arrow through small circle
U+02949		⥉						`\twoheaduparrowcircle`	upwards two-headed arrow from small circle
U+0294A		⥊						`\leftrightharpoonupdown`	left barb up right barb down harpoon
U+0294B		⥋						`\leftrightharpoondownup`	left barb down right barb up harpoon
U+0294C		⥌						`\updownharpoonrightleft`	up barb right down barb left harpoon
U+0294D		⥍						`\updownharpoonleftright`	up barb left down barb right harpoon
U+0294E		⥎						`\leftrightharpoonupup`	left barb up right barb up harpoon
U+0294F		⥏						`\updownharpoonrightright`	up barb right down barb right harpoon
U+02950		⥐						`\leftrightharpoondowndown`	left barb down right barb down harpoon
U+02951		⥑						`\updownharpoonleftleft`	up barb left down barb left harpoon
U+02952		⥒						`\barleftharpoonup`	leftwards harpoon with barb up to bar

USV	M	S	E	X	P	L	G	Macro	Description
U+02953		⥓						`\rightharpoonupbar`	rightwards harpoon with barb up to bar
U+02954		⥔						`\barupharpoonright`	upwards harpoon with barb right to bar
U+02955		⥕						`\downharpoonrightbar`	downwards harpoon with barb right to bar
U+02956		⥖						`\barleftharpoondown`	leftwards harpoon with barb down to bar
U+02957		⥗						`\rightharpoondownbar`	rightwards harpoon with barb down to bar
U+02958		⥘						`\barupharpoonleft`	upwards harpoon with barb left to bar
U+02959		⥙						`\downharpoonleftbar`	downwards harpoon with barb left to bar
U+0295A		⥚						`\leftharpoonupbar`	leftwards harpoon with barb up from bar
U+0295B		⥛						`\barrightharpoonup`	rightwards harpoon with barb up from bar
U+0295C		⥜						`\upharpoonrightbar`	upwards harpoon with barb right from bar
U+0295D		⥝						`\bardownharpoonright`	downwards harpoon with barb right from bar
U+0295E		⥞						`\leftharpoondownbar`	leftwards harpoon with barb down from bar
U+0295F		⥟						`\barrightharpoondown`	rightwards harpoon with barb down from bar
U+02960		⥠						`\upharpoonleftbar`	upwards harpoon with barb left from bar
U+02961		⥡						`\bardownharpoonleft`	downwards harpoon with barb left from bar
U+02962		⥢						`\leftharpoonsupdown`	leftwards harpoon with barb up above leftwards harpoon with barb down
U+02963		⥣						`\upharpoonsleftright`	upwards harpoon with barb left beside upwards harpoon with barb right
U+02964		⥤						`\rightharpoonsupdown`	rightwards harpoon with barb up above rightwards harpoon with barb down
U+02965		⥥						`\downharpoonsleftright`	downwards harpoon with barb left beside downwards harpoon with barb right
U+02966		⥦						`\leftrightharpoonsup`	leftwards harpoon with barb up above rightwards harpoon with barb up
U+02967		⥧						`\leftrightharpoonsdown`	leftwards harpoon with barb down above rightwards harpoon with barb down
U+02968		⥨						`\rightleftharpoonsup`	rightwards harpoon with barb up above leftwards harpoon with barb up

USV	M	S	E	X	P	L	G	Macro	Description
U+02969		⥩						`\rightleftharpoonsdown`	rightwards harpoon with barb down above leftwards harpoon with barb down
U+0296A		⥪						`\leftharpoonupdash`	leftwards harpoon with barb up above long dash
U+0296B		⥫						`\dashleftharpoondown`	leftwards harpoon with barb down below long dash
U+0296C		⥬						`\rightharpoonupdash`	rightwards harpoon with barb up above long dash
U+0296D		⥭						`\dashrightharpoondown`	rightwards harpoon with barb down below long dash
U+0296E		⥮						`\updownharpoonsleftright`	upwards harpoon with barb left beside downwards harpoon with barb right
U+0296F		⥯						`\downupharpoonsleftright`	downwards harpoon with barb left beside upwards harpoon with barb right
U+02970		⥰						`\rightimply`	right double arrow with rounded head
U+02971		⥱				⥱		`\equalrightarrow`	equals sign above rightwards arrow
U+02972		⥲				⥲		`\similarrightarrow`	tilde operator above rightwards arrow
U+02973		⥳				⥳		`\leftarrowsimilar`	leftwards arrow above tilde operator
U+02974		⥴				⥴		`\rightarrowsimilar`	rightwards arrow above tilde operator
U+02975		⥵				⥵		`\rightarrowapprox`	rightwards arrow above almost equal to
U+02976		⥶						`\ltlarr`	less-than above leftwards arrow
U+02977		⥷						`\leftarrowless`	leftwards arrow through less-than
U+02978		⥸						`\gtrarr`	greater-than above rightwards arrow
U+02979		⥹						`\subrarr`	subset above rightwards arrow
U+0297A		⥺						`\leftarrowsubset`	leftwards arrow through subset
U+0297B		⥻						`\suplarr`	superset above leftwards arrow
U+0297C		⥼						`\leftfishtail`	left fish tail
U+0297D		⥽						`\rightfishtail`	right fish tail
U+0297E		⥾						`\upfishtail`	up fish tail
U+0297F		⥿						`\downfishtail`	down fish tail
U+02982		⦂				⦂		`\typecolon`	z notation type colon
U+029CE		⧎						`\rtriltri`	right triangle above left triangle
U+029CF		⧏						`\ltrivb`	left triangle beside vertical bar
U+029D0		⧐						`\vbrtri`	vertical bar beside right triangle

USV	M	S	E	X	P	L	G	Macro	Description
U+029D1		⧑						`\lfbowtie`	left black bowtie
U+029D2		⧒						`\rfbowtie`	right black bowtie
U+029D3		⧓						`\fbowtie`	black bowtie
U+029D4		⧔						`\lftimes`	left black times
U+029D5		⧕						`\rftimes`	right black times
U+029DF		⧟						`\dualmap`	double-ended multimap
U+029E1		⧡						`\lrtriangleeq`	increases as
U+029E3		⧣						`\eparsl`	equals sign and slanted parallel
U+029E4		⧤						`\smeparsl`	equals sign and slanted parallel with tilde above
U+029E5		⧥						`\eqvparsl`	identical to and slanted parallel
U+029E6		⧦						`\gleichstark`	gleich stark
U+029F4		⧴						`\ruledelayed`	rule-delayed
U+02A59		⩙						`\veeonwedge`	logical or overlapping logical and
U+02A66		⩦						`\eqdot`	equals sign with dot below
U+02A67		⩧						`\dotequiv`	identical with dot above
U+02A68		⩨						`\equivVert`	triple horizontal bar with double vertical stroke
U+02A69		⩩						`\equivVvert`	triple horizontal bar with triple vertical stroke
U+02A6A		⩪					⩪	`\dotsim`	tilde operator with dot above
U+02A6B		⩫					⩫	`\simrdots`	tilde operator with rising dots
U+02A6C		⩬					≋	`\simminussim`	similar minus similar
U+02A6D		⩭					≐	`\congdot`	congruent with dot above
U+02A6E		⩮						`\asteq`	equals with asterisk
U+02A6F		⩯						`\hatapprox`	almost equal to with circumflex accent
U+02A70		⩰					≌	`\approxeqq`	approximately equal or equal to
U+02A73		⩳					≋	`\eqqsim`	equals sign above tilde operator
U+02A74		⩴					::=	`\Coloneq`	double colon equal
U+02A75		⩵					==	`\eqeq`	two consecutive equals signs
U+02A76		⩶					===	`\eqeqeq`	three consecutive equals signs
U+02A77		⩷						`\ddotseq`	equals sign with two dots above and two dots below
U+02A78		⩸						`\equivDD`	equivalent with four dots above
U+02A79		⩹					⩹	`\ltcir`	less-than with circle inside
U+02A7A		⩺					⩺	`\gtcir`	greater-than with circle inside

USV	M	S	E	X	P	L	G	Macro	Description
U+02A7B		$\overset{?}{<}$						`\ltquest`	less-than with question mark above
U+02A7C		$\overset{?}{>}$						`\gtquest`	greater-than with question mark above
U+02A7D	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$	`\leqslant`[a]	less-than or slanted equal to
U+02A7E	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$	`\geqslant`[a]	greater-than or slanted equal to
U+02A7F		$\leqslant\!\!\cdot$					$\leqslant$	`\lesdot`	less-than or slanted equal to with dot inside
U+02A80		$\geqslant$					$\geqslant$	`\gesdot`	greater-than or slanted equal to with dot inside
U+02A81		$\leqslant\!\!\cdot$						`\lesdoto`	less-than or slanted equal to with dot above
U+02A82		$\geqslant\!\!\cdot$						`\gesdoto`	greater-than or slanted equal to with dot above
U+02A83		$\leqslant\!\!\cdot$						`\lesdotor`	less-than or slanted equal to with dot above right
U+02A84		$\geqslant\!\!\cdot$						`\gesdotol`	greater-than or slanted equal to with dot above left
U+02A85	$\lessapprox$	$\lessapprox$	$\lessapprox$	$\lessapprox$	$\lessapprox$		$\lessapprox$	`\lessapprox`[a]	less-than or approximate
U+02A86	$\gtrapprox$	$\gtrapprox$	$\gtrapprox$	$\gtrapprox$	$\gtrapprox$		$\gtrapprox$	`\gtrapprox`[a]	greater-than or approximate
U+02A87	$\lneq$	$\lneq$	$\lneq$	$\lneq$	$\lneq$	$\lneq$	$\lneq$	`\lneq`[a]	less-than and single-line not equal to
U+02A88	$\gneq$	$\gneq$	$\gneq$	$\gneq$	$\gneq$	$\gneq$	$\gneq$	`\gneq`[a]	greater-than and single-line not equal to
U+02A89	$\lnapprox$	$\lnapprox$	$\lnapprox$	$\lnapprox$	$\lnapprox$		$\lnapprox$	`\lnapprox`[a]	less-than and not approximate
U+02A8A	$\gnapprox$	$\gnapprox$	$\gnapprox$	$\gnapprox$	$\gnapprox$		$\gnapprox$	`\gnapprox`[a]	greater-than and not approximate
U+02A8B	$\lesseqgtr$	$\lesseqgtr$	$\lesseqgtr$	$\lesseqgtr$	$\lesseqgtr$			`\lesseqgtr`[a]	less-than above double-line equal above greater-than
U+02A8C	$\gtreqless$	$\gtreqless$	$\gtreqless$	$\gtreqless$	$\gtreqless$			`\gtreqless`[a]	greater-than above double-line equal above less-than
U+02A8D		$\lesssim$					$\lesssim$	`\lesssim`	less-than above similar or equal
U+02A8E		$\gtrsim$					$\gtrsim$	`\gtrsim`	greater-than above similar or equal
U+02A8F		$\lessgtr$					$\lessgtr$	`\lessgtr`	less-than above similar above greater-than
U+02A90		$\gtrless$					$\gtrless$	`\gtrless`	greater-than above similar above less-than
U+02A91		$\leqslant\!\!\gtrless$						`\lgE`	less-than above greater-than above double-line equal
U+02A92		$\geqslant\!\!\lessgtr$						`\glE`	greater-than above less-than above double-line equal
U+02A93		$\leqslant\!\!\geqslant$						`\lesges`	less-than above slanted equal above greater-than above slanted equal

USV	M	S	E	X	P	L	G	Macro	Description
U+02A94		$\gtrless$						`\gesles`	greater-than above slanted equal above less-than above slanted equal
U+02A95	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$	$\leqslant$			`\eqslantless`[a]	slanted equal to or less-than
U+02A96	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$	$\geqslant$			`\eqslantgtr`[a]	slanted equal to or greater-than
U+02A97		$\leqslant$						`\elsdot`	slanted equal to or less-than with dot inside
U+02A98		$\geqslant$						`\egsdot`	slanted equal to or greater-than with dot inside
U+02A99		$\leqslant$						`\eqless`	double-line equal to or less-than
U+02A9A		$\geqslant$						`\eqgtr`	double-line equal to or greater-than
U+02A9B		$\leqslant$	$\leqslant$	$\leqslant$				`\eqslantless`	double-line slanted equal to or less-than
U+02A9C		$\geqslant$	$\geqslant$	$\geqslant$				`\eqslantgtr`	double-line slanted equal to or greater-than
U+02A9D		$\lesssim$	$\lesssim$	$\lesssim$				`\simless`	similar or less-than
U+02A9E		$\gtrsim$	$\gtrsim$	$\gtrsim$				`\simgtr`	similar or greater-than
U+02A9F		$\lesssim$						`\simlE`	similar above less-than above equals sign
U+02AA0		$\gtrsim$						`\simgE`	similar above greater-than above equals sign
U+02AA1		$\ll$						`\Lt`	double nested less-than
U+02AA2		$\gg$						`\Gt`	double nested greater-than
U+02AA3		$\ll$						`\partialmeetcontraction`	double less-than with underbar
U+02AA4		$\gtrless$						`\glj`	greater-than overlapping less-than
U+02AA5		$\gtrless$						`\gla`	greater-than beside less-than
U+02AA6		$\lhd$						`\ltcc`	less-than closed by curve
U+02AA7		$\rhd$						`\gtcc`	greater-than closed by curve
U+02AA8		$\lhd$						`\lescc`	less-than closed by curve above slanted equal
U+02AA9		$\rhd$						`\gescc`	greater-than closed by curve above slanted equal
U+02AAA		$\prec$	$\prec$	$\prec$				`\smt`	smaller than
U+02AAB		$\succ$	$\succ$	$\succ$				`\lat`	larger than
U+02AAC		$\preceq$	$\preceq$	$\preceq$				`\smte`	smaller than or equal to
U+02AAD		$\succeq$	$\succeq$	$\succeq$				`\late`	larger than or equal to
U+02AAE		$\bumpeq$					$\bumpeq$	`\bumpeqq`	equals sign with bumpy above
U+02AAF	$\preceq$	$\preceq$	$\preceq$	$\preceq$	$\preceq$	$\preceq$	$\preceq$	`\preceq`[p]	precedes above single-line equals sign

USV	M	S	E	X	P	L	G	Macro	Description
U+02AB0	$\succeq$	$\succeq$	$\succeq$	$\succeq$	$\succeq$	$\succeq$	$\succeq$	`\succeq`[p]	succeeds above single-line equals sign
U+02AB1		$\precneq$	$\precneq$	$\precneq$		$\precneq$	$\precneq$	`\precneq`	precedes above single-line not equal to
U+02AB2		$\succneq$	$\succneq$	$\succneq$		$\succneq$	$\succneq$	`\succneq`	succeeds above single-line not equal to
U+02AB3		$\preceq\!\!\!=$	$\preceq\!\!\!=$	$\preceq\!\!\!=$		$\preceq\!\!\!=$	$\preceq\!\!\!=$	`\preceqq`	precedes above equals sign
U+02AB4		$\succeq\!\!\!=$	$\succeq\!\!\!=$	$\succeq\!\!\!=$		$\succeq\!\!\!=$	$\succeq\!\!\!=$	`\succeqq`	succeeds above equals sign
U+02AB5		$\precneq\!\!\!=$	$\precneq\!\!\!=$	$\precneq\!\!\!=$		$\precneq\!\!\!=$	$\precneq\!\!\!=$	`\precneqq`[a]	precedes above not equal to
U+02AB6		$\succneq\!\!\!=$	$\succneq\!\!\!=$	$\succneq\!\!\!=$		$\succneq\!\!\!=$	$\succneq\!\!\!=$	`\succneqq`[a]	succeeds above not equal to
U+02AB7		$\precapprox$	$\precapprox$	$\precapprox$			$\precapprox$	`\precapprox`[a]	precedes above almost equal to
U+02AB8		$\succapprox$	$\succapprox$	$\succapprox$			$\succapprox$	`\succapprox`[a]	succeeds above almost equal to
U+02AB9		$\precnapprox$	$\precnapprox$	$\precnapprox$			$\precnapprox$	`\precnapprox`[a]	precedes above not almost equal to
U+02ABA		$\succnapprox$	$\succnapprox$	$\succnapprox$			$\succnapprox$	`\succnapprox`[a]	succeeds above not almost equal to
U+02ABB		$\Prec$					$\Prec$	`\Prec`	double precedes
U+02ABC		$\Succ$					$\Succ$	`\Succ`	double succeeds
U+02ABD		$\subset\!\!\cdot$					$\subset\!\!\cdot$	`\subset\!\!\cdot`	subset with dot
U+02ABE		$\supset\!\!\cdot$					$\supset\!\!\cdot$	`\supset\!\!\cdot`	superset with dot
U+02ABF		$\subset\!\!+$						`\subset\!\!+`	subset with plus sign below
U+02AC0		$\supset\!\!+$						`\supset\!\!+`	superset with plus sign below
U+02AC1		$\subset\!\!\times$						`\subset\!\!\times`	subset with multiplication sign below
U+02AC2		$\supset\!\!\times$						`\supset\!\!\times`	superset with multiplication sign below
U+02AC3		$\subseteq\!\!\cdot$						`\subseteq\!\!\cdot`	subset of or equal to with dot above
U+02AC4		$\supseteq\!\!\cdot$						`\supseteq\!\!\cdot`	superset of or equal to with dot above
U+02AC5		$\subseteq\!\!=$	$\subseteq\!\!=$	$\subseteq\!\!=$			$\subseteq\!\!=$	`\subseteqq`[a]	subset of above equals sign
U+02AC6		$\supseteq\!\!=$	$\supseteq\!\!=$	$\supseteq\!\!=$			$\supseteq\!\!=$	`\supseteqq`[a]	superset of above equals sign
U+02AC7		$\subset\!\!\sim$					$\subset\!\!\sim$	`\subset\!\!\sim`	subset of above tilde operator
U+02AC8		$\supset\!\!\sim$					$\supset\!\!\sim$	`\supset\!\!\sim`	superset of above tilde operator
U+02AC9		$\subset\!\!\approx$					$\subset\!\!\approx$	`\subset\!\!\approx`	subset of above almost equal to
U+02ACA		$\supset\!\!\approx$					$\supset\!\!\approx$	`\supset\!\!\approx`	superset of above almost equal to
U+02ACB		$\subset\!\!\neq$	$\subset\!\!\neq$	$\subset\!\!\neq$			$\subset\!\!\neq$	`\subset\!\!\neq`[a]	subset of above not equal to
U+02ACC		$\supset\!\!\neq$	$\supset\!\!\neq$	$\supset\!\!\neq$			$\supset\!\!\neq$	`\supset\!\!\neq`[a]	superset of above not equal to
U+02ACD		$\sqsubset$						`\lsqhook`	square left open box operator

USV	M	S	E	X	P	L	G	Macro	Description
U+02ACE		⫎						`\rsqhook`	square right open box operator
U+02ACF		⫏						`\csub`	closed subset
U+02AD0		⫐						`\csup`	closed superset
U+02AD1		⫑						`\csube`	closed subset or equal to
U+02AD2		⫒						`\csupe`	closed superset or equal to
U+02AD3		⫓						`\subsup`	subset above superset
U+02AD4		⫔						`\supsub`	superset above subset
U+02AD5		⫕						`\subsub`	subset above subset
U+02AD6		⫖						`\supsup`	superset above superset
U+02AD7		⫗						`\suphsub`	superset beside subset
U+02AD8		⫘						`\supdsub`	superset beside and joined by dash with subset
U+02AD9		⫙						`\forkv`	element of opening downwards
U+02ADA		⫚						`\topfork`	pitchfork with tee top
U+02ADB		⫛						`\mlcp`	transversal intersection
U+02ADC		⫝̸						`\forks`	forking
U+02ADD		⫝						`\forksnot`	nonforking
U+02ADE		⫞						`\shortlefttack`	short left tack
U+02ADF		⫟						`\shortdowntack`	short down tack
U+02AE0		⫠						`\shortuptack`	short up tack
U+02AE2		⫢						`\vDdash`	vertical bar triple right turnstile
U+02AE3		⫣						`\dashV`	double vertical bar left turnstile
U+02AE4		⫤						`\Dashv`	vertical bar double left turnstile
U+02AE5		⫥						`\DashV`	double vertical bar double left turnstile
U+02AE6		⫦						`\varVdash`	long dash from left member of double vertical
U+02AE7		⫧						`\Barv`	short down tack with overbar
U+02AE8		⫨						`\vBar`	short up tack with underbar
U+02AE9		⫩						`\vBarv`	short up tack above short down tack
U+02AEA		⫪						`\barV`	double down tack
U+02AEB		⫫						`\Vbar`	double up tack
U+02AEC		⫬						`\Not`	double stroke not sign
U+02AED		⫭						`\bNot`	reversed double stroke not sign
U+02AEE		⫮						`\revnmid`	does not divide with reversed negation slash

USV	M	S	E	X	P	L	G	Macro	Description
U+02AEF								`\cirmid`	vertical line with circle above
U+02AF0								`\midcir`	vertical line with circle below
U+02AF2								`\nhpar`	parallel with horizontal stroke
U+02AF3								`\parsim`	parallel with tilde operator
U+02AF7								`\lllnest`	stacked very much less-than
U+02AF8								`\gggnest`	stacked very much greater-than
U+02AF9								`\leqqslant`	double-line slanted less-than or equal to
U+02AFA								`\geqqslant`	double-line slanted greater-than or equal to
U+02B30								`\circleonleftarrow`	left arrow with small circle
U+02B31								`\leftthreearrows`	three leftwards arrows
U+02B32								`\leftarrowonoplus`	left arrow with circled plus
U+02B33								`\longleftsquigarrow`	long leftwards squiggle arrow
U+02B34								`\nvtwoheadleftarrow`	leftwards two-headed arrow with vertical stroke
U+02B35								`\nVtwoheadleftarrow`	leftwards two-headed arrow with double vertical stroke
U+02B36								`\twoheadmapsfrom`	leftwards two-headed arrow from bar
U+02B37								`\twoheadleftdbkarrow`	leftwards two-headed triple-dash arrow
U+02B38								`\leftdotarrow`	leftwards arrow with dotted stem
U+02B39								`\nvleftarrowtail`	leftwards arrow with tail with vertical stroke
U+02B3A								`\nVleftarrowtail`	leftwards arrow with tail with double vertical stroke
U+02B3B								`\twoheadleftarrowtail`	leftwards two-headed arrow with tail
U+02B3C								`\nvtwoheadleftarrowtail`	leftwards two-headed arrow with tail with vertical stroke
U+02B3D								`\nVtwoheadleftarrowtail`	leftwards two-headed arrow with tail with double vertical stroke
U+02B3E								`\leftarrowx`	leftwards arrow through x
U+02B3F								`\leftcurvedarrow`	wave arrow pointing directly left
U+02B40								`\equalleftarrow`	equals sign above leftwards arrow
U+02B41								`\bsimilarleftarrow`	reverse tilde operator above leftwards arrow
U+02B42								`\leftarrowbackapprox`	leftwards arrow above reverse almost equal to
U+02B43								`\rightarrowgtr`	rightwards arrow through greater-than

USV	M	S	E	X	P	L	G	Macro	Description
U+02B44		⇛						`\rightarrowsupset`	rightwards arrow through subset
U+02B45		⇚					⇚	`\LLeftarrow`	leftwards quadruple arrow
U+02B46		⇛					⇛	`\RRightarrow`	rightwards quadruple arrow
U+02B47		⇝						`\bsimilarrightarrow`	reverse tilde operator above rightwards arrow
U+02B48		⇝						`\rightarrowbackapprox`	rightwards arrow above reverse almost equal to
U+02B49		⇜						`\similarleftarrow`	tilde operator above leftwards arrow
U+02B4A		⇜						`\leftarrowapprox`	leftwards arrow above almost equal to
U+02B4B		⇜						`\leftarrowbsimilar`	leftwards arrow above reverse tilde operator
U+02B4C		⇝						`\rightarrowbsimilar`	righttwards arrow above reverse tilde operator

15 Alphabetical symbols, `\mathalpha`

15.1 Normal weight

15.1.1 Upright Greek, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+00391	Α	Α	Α	Α	Α	Α	Α	`\mupAlpha`	capital alpha, greek
U+00392	Β	Β	Β	Β	Β	Β	Β	`\mupBeta`	capital beta, greek
U+00393	Γ	Γ	Γ	Γ	Γ	Γ	Γ	`\mupGamma`	capital gamma, greek
U+00394	Δ	Δ	Δ	Δ	Δ	Δ	Δ	`\mupDelta`	capital delta, greek
U+00395	Ε	Ε	Ε	Ε	Ε	Ε	Ε	`\mupEpsilon`	capital epsilon, greek
U+00396	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	`\mupZeta`	capital zeta, greek
U+00397	Η	Η	Η	Η	Η	Η	Η	`\mupEta`	capital eta, greek
U+00398	Θ	Θ	Θ	Θ	Θ	Θ	Θ	`\mupTheta`	capital theta, greek
U+00399	Ι	Ι	Ι	Ι	Ι	Ι	Ι	`\mupIota`	capital iota, greek
U+0039A	Κ	Κ	Κ	Κ	Κ	Κ	Κ	`\mupKappa`	capital kappa, greek
U+0039B	Λ	Λ	Λ	Λ	Λ	Λ	Λ	`\mupLambda`	capital lambda, greek
U+0039C	Μ	Μ	Μ	Μ	Μ	Μ	Μ	`\mupMu`	capital mu, greek
U+0039D	Ν	Ν	Ν	Ν	Ν	Ν	Ν	`\mupNu`	capital nu, greek
U+0039E	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	`\mupXi`	capital xi, greek
U+0039F	Ο	Ο	Ο	Ο	Ο	Ο	Ο	`\mupOmicron`	capital omicron, greek

USV	M	S	E	X	P	L	G	Macro	Description
U+003A0	Π	Π	Π	Π	Π	Π	Π	`\mupPi`	capital pi, greek
U+003A1	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	`\mupRho`	capital rho, greek
U+003A3	Σ	Σ	Σ	Σ	Σ	Σ	Σ	`\mupSigma`	capital sigma, greek
U+003A4	Τ	Τ	Τ	Τ	Τ	Τ	Τ	`\mupTau`	capital tau, greek
U+003A5	Υ	Υ	Υ	Υ	Υ	Υ	Υ	`\mupUpsilon`	capital upsilon, greek
U+003A6	Φ	Φ	Φ	Φ	Φ	Φ	Φ	`\mupPhi`	capital phi, greek
U+003A7	Χ	Χ	Χ	Χ	Χ	Χ	Χ	`\mupChi`	capital chi, greek
U+003A8	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	`\mupPsi`	capital psi, greek
U+003A9	Ω	Ω	Ω	Ω	Ω	Ω	Ω	`\mupOmega`	capital omega, greek

15.1.2 Upright Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+003B1	α	α	α	α	α	α	α	`\mupalpha`	small alpha, greek
U+003B2	β	β	β	β	β	β	β	`\mupbeta`	small beta, greek
U+003B3	γ	γ	γ	γ	γ	γ	γ	`\mupgamma`	small gamma, greek
U+003B4	δ	δ	δ	δ	δ	δ	δ	`\mupdelta`	small delta, greek
U+003B5	ε	ε	ε	ε	ε	ε	ε	`\mupvarepsilon`	rounded small varepsilon, greek
U+003B6	ζ	ζ	ζ	ζ	ζ	ζ	ζ	`\mupzeta`	small zeta, greek
U+003B7	η	η	η	η	η	η	η	`\mupeta`	small eta, greek
U+003B8	θ	θ	θ	θ	θ	θ	θ	`\muptheta`	straight theta, small theta, greek
U+003B9	ι	ι	ι	ι	ι	ι	ι	`\mupiota`	small iota, greek
U+003BA	κ	κ	κ	κ	κ	κ	κ	`\mupkappa`	small kappa, greek
U+003BB	λ	λ	λ	λ	λ	λ	λ	`\muplambda`	small lambda, greek
U+003BC	μ	μ	μ	μ	μ	μ	μ	`\mupmu`	small mu, greek
U+003BD	ν	ν	ν	ν	ν	ν	ν	`\mupnu`	small nu, greek
U+003BE	ξ	ξ	ξ	ξ	ξ	ξ	ξ	`\mupxi`	small xi, greek
U+003BF	ο	ο	ο	ο	ο	ο	ο	`\mupomicron`	small omicron, greek
U+003C0	π	π	π	π	π	π	π	`\muppi`	small pi, greek
U+003C1	ρ	ρ	ρ	ρ	ρ	ρ	ρ	`\muprho`	small rho, greek
U+003C2	ς	ς	ς	ς	ς	ς	ς	`\mupvarsigma`	terminal sigma, greek
U+003C3	σ	σ	σ	σ	σ	σ	σ	`\mupsigma`	small sigma, greek
U+003C4	τ	τ	τ	τ	τ	τ	τ	`\muptau`	small tau, greek

USV	M	S	E	X	P	L	G	Macro	Description
U+003C5	υ	υ	υ	υ	υ	υ	υ	`\mupupsilon`	small upsilon, greek
U+003C6	φ	φ	φ	φ	φ	φ	φ	`\mupvarphi`	curly or open small phi, greek
U+003C7	χ	χ	χ	χ	χ	χ	χ	`\mupchi`	small chi, greek
U+003C8	ψ	ψ	ψ	ψ	ψ	ψ	ψ	`\muppsi`	small psi, greek
U+003C9	ω	ω	ω	ω	ω	ω	ω	`\mupomega`	small omega, greek
U+003D1	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	`\mupvartheta`	/vartheta - curly or open theta
U+003D5	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	`\mupphi`	/straightphi - small phi, greek
U+003D6	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	`\mupvarpi`	rounded small pi (pomega), greek
U+003DC		F				F		`\upDigamma`	capital digamma
U+003DD		$\digamma$	$\digamma$	$\digamma$		$\digamma$		`\updigamma`	old greek small letter digamma
U+003F0	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	`\mupvarkappa`	rounded small kappa, greek
U+003F1	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ	`\mupvarrho`	rounded small rho, greek
U+003F4	Θ	Θ	Θ	Θ	Θ	Θ	Θ	`\mupvarTheta`	greek capital theta symbol
U+003F5	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	`\mupepsilon`	greek lunate varepsilon symbol

15.1.3 Italic, Latin, uppercase

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

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

15.1.4 Italic, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D44E	a	a	a	a	a	a	a	`\mita`	mathematical italic small a
U+1D44F	b	b	b	b	b	b	b	`\mitb`	mathematical italic small b
U+1D450	c	c	c	c	c	c	c	`\mitc`	mathematical italic small c
U+1D451	d	d	d	d	d	d	d	`\mitd`	mathematical italic small d
U+1D452	e	e	e	e	e	e	e	`\mite`	mathematical italic small e
U+1D453	f	f	f	f	f	f	f	`\mitf`	mathematical italic small f
U+1D454	g	g	g	g	g	g	g	`\mitg`	mathematical italic small g
U+1D456	i	i	i	i	i	i	i	`\miti`	mathematical italic small i
U+1D457	j	j	j	j	j	j	j	`\mitj`	mathematical italic small j
U+1D458	k	k	k	k	k	k	k	`\mitk`	mathematical italic small k
U+1D459	l	l	l	l	l	l	l	`\mitl`	mathematical italic small l
U+1D45A	m	m	m	m	m	m	m	`\mitm`	mathematical italic small m
U+1D45B	n	n	n	n	n	n	n	`\mitn`	mathematical italic small n
U+1D45C	o	o	o	o	o	o	o	`\mito`	mathematical italic small o
U+1D45D	p	p	p	p	p	p	p	`\mitp`	mathematical italic small p
U+1D45E	q	q	q	q	q	q	q	`\mitq`	mathematical italic small q
U+1D45F	r	r	r	r	r	r	r	`\mitr`	mathematical italic small r
U+1D460	s	s	s	s	s	s	s	`\mits`	mathematical italic small s
U+1D461	t	t	t	t	t	t	t	`\mitt`	mathematical italic small t

USV	M	S	E	X	P	L	G	Macro	Description
U+1D462	u	u	u	u	u	u	u	`\mitu`	mathematical italic small u
U+1D463	v	v	v	v	v	v	v	`\mitv`	mathematical italic small v
U+1D464	w	w	w	w	w	w	w	`\mitw`	mathematical italic small w
U+1D465	x	x	x	x	x	x	x	`\mitx`	mathematical italic small x
U+1D466	y	y	y	y	y	y	y	`\mity`	mathematical italic small y
U+1D467	z	z	z	z	z	z	z	`\mitz`	mathematical italic small z

15.1.5 Italic Greek, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6E2	$\mathit{\Alpha}$	$\mathit{\Alpha}$	$\mathit{\Alpha}$	$\mathit{\Alpha}$	$\mathit{\Alpha}$	$\mathit{\Alpha}$	$\mathit{\Alpha}$	`\mitAlpha`	mathematical italic capital alpha
U+1D6E3	$\mathit{\Beta}$	$\mathit{\Beta}$	$\mathit{\Beta}$	$\mathit{\Beta}$	$\mathit{\Beta}$	$\mathit{\Beta}$	$\mathit{\Beta}$	`\mitBeta`	mathematical italic capital beta
U+1D6E4	$\mathit{\Gamma}$	$\mathit{\Gamma}$	$\mathit{\Gamma}$	$\mathit{\Gamma}$	$\mathit{\Gamma}$	$\mathit{\Gamma}$	$\mathit{\Gamma}$	`\mitGamma`	mathematical italic capital gamma
U+1D6E5	$\mathit{\Delta}$	$\mathit{\Delta}$	$\mathit{\Delta}$	$\mathit{\Delta}$	$\mathit{\Delta}$	$\mathit{\Delta}$	$\mathit{\Delta}$	`\mitDelta`	mathematical italic capital delta
U+1D6E6	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	$\mathit{\Epsilon}$	`\mitEpsilon`	mathematical italic capital epsilon
U+1D6E7	$\mathit{\Zeta}$	$\mathit{\Zeta}$	$\mathit{\Zeta}$	$\mathit{\Zeta}$	$\mathit{\Zeta}$	$\mathit{\Zeta}$	$\mathit{\Zeta}$	`\mitZeta`	mathematical italic capital zeta
U+1D6E8	$\mathit{\Eta}$	$\mathit{\Eta}$	$\mathit{\Eta}$	$\mathit{\Eta}$	$\mathit{\Eta}$	$\mathit{\Eta}$	$\mathit{\Eta}$	`\mitEta`	mathematical italic capital eta
U+1D6E9	$\mathit{\Theta}$	$\mathit{\Theta}$	$\mathit{\Theta}$	$\mathit{\Theta}$	$\mathit{\Theta}$	$\mathit{\Theta}$	$\mathit{\Theta}$	`\mitTheta`	mathematical italic capital theta
U+1D6EA	$\mathit{\Iota}$	$\mathit{\Iota}$	$\mathit{\Iota}$	$\mathit{\Iota}$	$\mathit{\Iota}$	$\mathit{\Iota}$	$\mathit{\Iota}$	`\mitIota`	mathematical italic capital iota
U+1D6EB	$\mathit{\Kappa}$	$\mathit{\Kappa}$	$\mathit{\Kappa}$	$\mathit{\Kappa}$	$\mathit{\Kappa}$	$\mathit{\Kappa}$	$\mathit{\Kappa}$	`\mitKappa`	mathematical italic capital kappa
U+1D6EC	$\mathit{\Lambda}$	$\mathit{\Lambda}$	$\mathit{\Lambda}$	$\mathit{\Lambda}$	$\mathit{\Lambda}$	$\mathit{\Lambda}$	$\mathit{\Lambda}$	`\mitLambda`	mathematical italic capital lambda
U+1D6ED	$\mathit{\Mu}$	$\mathit{\Mu}$	$\mathit{\Mu}$	$\mathit{\Mu}$	$\mathit{\Mu}$	$\mathit{\Mu}$	$\mathit{\Mu}$	`\mitMu`	mathematical italic capital mu
U+1D6EE	$\mathit{\Nu}$	$\mathit{\Nu}$	$\mathit{\Nu}$	$\mathit{\Nu}$	$\mathit{\Nu}$	$\mathit{\Nu}$	$\mathit{\Nu}$	`\mitNu`	mathematical italic capital nu
U+1D6EF	$\mathit{\Xi}$	$\mathit{\Xi}$	$\mathit{\Xi}$	$\mathit{\Xi}$	$\mathit{\Xi}$	$\mathit{\Xi}$	$\mathit{\Xi}$	`\mitXi`	mathematical italic capital xi
U+1D6F0	$\mathit{\Omicron}$	$\mathit{\Omicron}$	$\mathit{\Omicron}$	$\mathit{\Omicron}$	$\mathit{\Omicron}$	$\mathit{\Omicron}$	$\mathit{\Omicron}$	`\mitOmicron`	mathematical italic capital omicron
U+1D6F1	$\mathit{\Pi}$	$\mathit{\Pi}$	$\mathit{\Pi}$	$\mathit{\Pi}$	$\mathit{\Pi}$	$\mathit{\Pi}$	$\mathit{\Pi}$	`\mitPi`	mathematical italic capital pi
U+1D6F2	$\mathit{\Rho}$	$\mathit{\Rho}$	$\mathit{\Rho}$	$\mathit{\Rho}$	$\mathit{\Rho}$	$\mathit{\Rho}$	$\mathit{\Rho}$	`\mitRho`	mathematical italic capital rho
U+1D6F3	$\mathit{\varTheta}$	$\mathit{\varTheta}$	$\mathit{\varTheta}$	$\mathit{\varTheta}$	$\mathit{\varTheta}$	$\mathit{\varTheta}$	$\mathit{\varTheta}$	`\mitvarTheta`	mathematical italic capital theta symbol
U+1D6F4	$\mathit{\Sigma}$	$\mathit{\Sigma}$	$\mathit{\Sigma}$	$\mathit{\Sigma}$	$\mathit{\Sigma}$	$\mathit{\Sigma}$	$\mathit{\Sigma}$	`\mitSigma`	mathematical italic capital sigma
U+1D6F5	$\mathit{\Tau}$	$\mathit{\Tau}$	$\mathit{\Tau}$	$\mathit{\Tau}$	$\mathit{\Tau}$	$\mathit{\Tau}$	$\mathit{\Tau}$	`\mitTau`	mathematical italic capital tau

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6F6	$\varUpsilon$	$\varUpsilon$	$\varUpsilon$	$\varUpsilon$	$\varUpsilon$	$\varUpsilon$	$\varUpsilon$	`\mitUpsilon`	mathematical italic capital upsilon
U+1D6F7	$\varPhi$	$\varPhi$	$\varPhi$	$\varPhi$	$\varPhi$	$\varPhi$	$\varPhi$	`\mitPhi`	mathematical italic capital phi
U+1D6F8	$\varX$	$\varX$	$\varX$	$\varX$	$\varX$	$\varX$	$\varX$	`\mitChi`	mathematical italic capital chi
U+1D6F9	$\varPsi$	$\varPsi$	$\varPsi$	$\varPsi$	$\varPsi$	$\varPsi$	$\varPsi$	`\mitPsi`	mathematical italic capital psi
U+1D6FA	$\varOmega$	$\varOmega$	$\varOmega$	$\varOmega$	$\varOmega$	$\varOmega$	$\varOmega$	`\mitOmega`	mathematical italic capital omega

15.1.6 Italic Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6FC	α	α	α	α	α	α	α	`\mitalpha`	mathematical italic small alpha
U+1D6FD	β	β	β	β	β	β	β	`\mitbeta`	mathematical italic small beta
U+1D6FE	γ	γ	γ	γ	γ	γ	γ	`\mitgamma`	mathematical italic small gamma
U+1D6FF	δ	δ	δ	δ	δ	δ	δ	`\mitdelta`	mathematical italic small delta
U+1D700	ε	ε	ε	ε	ε	ε	ε	`\mitvarepsilon`	mathematical italic small varepsilon
U+1D701	ζ	ζ	ζ	ζ	ζ	ζ	ζ	`\mitzeta`	mathematical italic small zeta
U+1D702	η	η	η	η	η	η	η	`\miteta`	mathematical italic small eta
U+1D703	θ	θ	θ	θ	θ	θ	θ	`\mittheta`	mathematical italic small theta
U+1D704	ι	ι	ι	ι	ι	ι	ι	`\mitiota`	mathematical italic small iota
U+1D705	κ	κ	κ	κ	κ	κ	κ	`\mitkappa`	mathematical italic small kappa
U+1D706	λ	λ	λ	λ	λ	λ	λ	`\mitlambda`	mathematical italic small lambda
U+1D707	μ	μ	μ	μ	μ	μ	μ	`\mitmu`	mathematical italic small mu
U+1D708	ν	ν	ν	ν	ν	ν	ν	`\mitnu`	mathematical italic small nu
U+1D709	ξ	ξ	ξ	ξ	ξ	ξ	ξ	`\mitxi`	mathematical italic small xi
U+1D70A	o	o	o	o	o	o	o	`\mitomicron`	mathematical italic small omicron
U+1D70B	π	π	π	π	π	π	π	`\mitpi`	mathematical italic small pi
U+1D70C	ρ	ρ	ρ	ρ	ρ	ρ	ρ	`\mitrho`	mathematical italic small rho
U+1D70D	ς	ς	ς	ς	ς	ς	ς	`\mitvarsigma`	mathematical italic small final sigma
U+1D70E	σ	σ	σ	σ	σ	σ	σ	`\mitsigma`	mathematical italic small sigma
U+1D70F	τ	τ	τ	τ	τ	τ	τ	`\mittau`	mathematical italic small tau
U+1D710	υ	υ	υ	υ	υ	υ	υ	`\mitupsilon`	mathematical italic small upsilon
U+1D711	φ	φ	φ	φ	φ	φ	φ	`\mitvarphi`	mathematical italic small phi

USV	M	S	E	X	P	L	G	Macro	Description
U+1D712	χ	χ	χ	χ	χ	χ	χ	`\mitchi`	mathematical italic small chi
U+1D713	ψ	ψ	ψ	ψ	ψ	ψ	ψ	`\mitpsi`	mathematical italic small psi
U+1D714	ω	ω	ω	ω	ω	ω	ω	`\mitomega`	mathematical italic small omega
U+1D715	∂	∂	∂	∂	∂	∂	∂	`\mitpartial`	mathematical italic partial differential
U+1D716	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	ϵ	`\mitepsilon`	mathematical italic varepsilon symbol
U+1D717	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	`\mitvartheta`	mathematical italic theta symbol
U+1D718	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	$\varkappa$	`\mitvarkappa`	mathematical italic kappa symbol
U+1D719	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	`\mitphi`	mathematical italic phi symbol
U+1D71A	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ	ϱ	`\mitvarrho`	mathematical italic rho symbol
U+1D71B	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	ϖ	`\mitvarpi`	mathematical italic pi symbol

15.1.7 Script, Latin, uppercase

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

USV	M	S	E	X	P	L	G	Macro	Description

15.1.8 Script, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D4B6		$\mathscr{a}$	$\mathscr{a}$	$\mathscr{a}$	$\mathscr{a}$	$\mathscr{a}$	$\mathscr{a}$	`\mscra`	mathematical script small a
U+1D4B7		$\mathscr{b}$			$\mathscr{b}$	$\mathscr{b}$	$\mathscr{b}$	`\mscrb`	mathematical script small b
U+1D4B8		$\mathscr{c}$			$\mathscr{c}$	$\mathscr{c}$	$\mathscr{c}$	`\mscrc`	mathematical script small c
U+1D4B9		$\mathscr{d}$			$\mathscr{d}$	$\mathscr{d}$	$\mathscr{d}$	`\mscrd`	mathematical script small d
U+1D4BB		$\mathscr{f}$			$\mathscr{f}$	$\mathscr{f}$	$\mathscr{f}$	`\mscrf`	mathematical script small f
U+1D4BD		$\mathscr{h}$			$\mathscr{h}$	$\mathscr{h}$	$\mathscr{h}$	`\mscrh`	mathematical script small h
U+1D4BE		$\mathscr{i}$			$\mathscr{i}$	$\mathscr{i}$	$\mathscr{i}$	`\mscri`	mathematical script small i
U+1D4BF		$\mathscr{j}$			$\mathscr{j}$	$\mathscr{j}$	$\mathscr{j}$	`\mscrj`	mathematical script small j
U+1D4C0		$\mathscr{k}$			$\mathscr{k}$	$\mathscr{k}$	$\mathscr{k}$	`\mscrk`	mathematical script small k
U+1D4C1		$\mathscr{l}$	$\mathscr{l}$	$\mathscr{l}$	$\mathscr{l}$	$\mathscr{l}$	$\mathscr{l}$	`\mscrl`	mathematical script small l
U+1D4C2		$\mathscr{m}$			$\mathscr{m}$	$\mathscr{m}$	$\mathscr{m}$	`\mscrm`	mathematical script small m
U+1D4C3		$\mathscr{n}$			$\mathscr{n}$	$\mathscr{n}$	$\mathscr{n}$	`\mscrn`	mathematical script small n
U+1D4C5		$\mathscr{p}$			$\mathscr{p}$	$\mathscr{p}$	$\mathscr{p}$	`\mscrp`	mathematical script small p
U+1D4C6		$\mathscr{q}$			$\mathscr{q}$	$\mathscr{q}$	$\mathscr{q}$	`\mscrq`	mathematical script small q
U+1D4C7		$\mathscr{r}$	$\mathscr{r}$	$\mathscr{r}$	$\mathscr{r}$	$\mathscr{r}$	$\mathscr{r}$	`\mscrr`	mathematical script small r
U+1D4C8		$\mathscr{s}$			$\mathscr{s}$	$\mathscr{s}$	$\mathscr{s}$	`\mscrs`	mathematical script small s
U+1D4C9		$\mathscr{t}$			$\mathscr{t}$	$\mathscr{t}$	$\mathscr{t}$	`\mscrt`	mathematical script small t
U+1D4CA		$\mathscr{u}$			$\mathscr{u}$	$\mathscr{u}$	$\mathscr{u}$	`\mscru`	mathematical script small u
U+1D4CB		$\mathscr{v}$			$\mathscr{v}$	$\mathscr{v}$	$\mathscr{v}$	`\mscrv`	mathematical script small v
U+1D4CC		$\mathscr{w}$			$\mathscr{w}$	$\mathscr{w}$	$\mathscr{w}$	`\mscrw`	mathematical script small w
U+1D4CD		$\mathscr{x}$			$\mathscr{x}$	$\mathscr{x}$	$\mathscr{x}$	`\mscrx`	mathematical script small x
U+1D4CE		$\mathscr{y}$			$\mathscr{y}$	$\mathscr{y}$	$\mathscr{y}$	`\mscry`	mathematical script small y
U+1D4CF		$\mathscr{z}$			$\mathscr{z}$	$\mathscr{z}$	$\mathscr{z}$	`\mscrz`	mathematical script small z

15.1.9 Fraktur, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D504	$\mathfrak{A}$	$\mathfrak{A}$	$\mathfrak{A}$	$\mathfrak{A}$	$\mathfrak{A}$	$\mathfrak{A}$	$\mathfrak{A}$	`\mfrakA`	mathematical fraktur capital a
U+1D505	$\mathfrak{B}$	$\mathfrak{B}$	$\mathfrak{B}$	$\mathfrak{B}$	$\mathfrak{B}$	$\mathfrak{B}$	$\mathfrak{B}$	`\mfrakB`	mathematical fraktur capital b

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

15.1.10 Fraktur, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D51E	𝔞	𝔞	𝔞	𝔞	𝔞	𝔞	𝔞	`\mfraka`	mathematical fraktur small a
U+1D51F	𝔟	𝔟	𝔟	𝔟	𝔟	𝔟	𝔟	`\mfrakb`	mathematical fraktur small b
U+1D520	𝔠	𝔠	𝔠	𝔠	𝔠	𝔠	𝔠	`\mfrakc`	mathematical fraktur small c
U+1D521	𝔡	𝔡	𝔡	𝔡	𝔡	𝔡	𝔡	`\mfrakd`	mathematical fraktur small d
U+1D522	𝔢	𝔢	𝔢	𝔢	𝔢	𝔢	𝔢	`\mfrake`	mathematical fraktur small e
U+1D523	𝔣	𝔣	𝔣	𝔣	𝔣	𝔣	𝔣	`\mfrakf`	mathematical fraktur small f
U+1D524	𝔤	𝔤	𝔤	𝔤	𝔤	𝔤	𝔤	`\mfrakg`	mathematical fraktur small g
U+1D525	𝔥	𝔥	𝔥	𝔥	𝔥	𝔥	𝔥	`\mfrakh`	mathematical fraktur small h
U+1D526	𝔦	𝔦	𝔦	𝔦	𝔦	𝔦	𝔦	`\mfraki`	mathematical fraktur small i
U+1D527	𝔧	𝔧	𝔧	𝔧	𝔧	𝔧	𝔧	`\mfrakj`	mathematical fraktur small j
U+1D528	𝔨	𝔨	𝔨	𝔨	𝔨	𝔨	𝔨	`\mfrakk`	mathematical fraktur small k

USV	M	S	E	X	P	L	G	Macro	Description
U+1D529	𝔩	𝔩	𝔩	𝔩	𝔩	𝔩	𝔩	`\mfrakl`	mathematical fraktur small l
U+1D52A	𝔪	𝔪	𝔪	𝔪	𝔪	𝔪	𝔪	`\mfrakm`	mathematical fraktur small m
U+1D52B	𝔫	𝔫	𝔫	𝔫	𝔫	𝔫	𝔫	`\mfrakn`	mathematical fraktur small n
U+1D52C	𝔬	𝔬	𝔬	𝔬	𝔬	𝔬	𝔬	`\mfrako`	mathematical fraktur small o
U+1D52D	𝔭	𝔭	𝔭	𝔭	𝔭	𝔭	𝔭	`\mfrakp`	mathematical fraktur small p
U+1D52E	𝔮	𝔮	𝔮	𝔮	𝔮	𝔮	𝔮	`\mfrakq`	mathematical fraktur small q
U+1D52F	𝔯	𝔯	𝔯	𝔯	𝔯	𝔯	𝔯	`\mfrakr`	mathematical fraktur small r
U+1D530	𝔰	𝔰	𝔰	𝔰	𝔰	𝔰	𝔰	`\mfraks`	mathematical fraktur small s
U+1D531	𝔱	𝔱	𝔱	𝔱	𝔱	𝔱	𝔱	`\mfrakt`	mathematical fraktur small t
U+1D532	𝔲	𝔲	𝔲	𝔲	𝔲	𝔲	𝔲	`\mfraku`	mathematical fraktur small u
U+1D533	𝔳	𝔳	𝔳	𝔳	𝔳	𝔳	𝔳	`\mfrakv`	mathematical fraktur small v
U+1D534	𝔴	𝔴	𝔴	𝔴	𝔴	𝔴	𝔴	`\mfrakw`	mathematical fraktur small w
U+1D535	𝔵	𝔵	𝔵	𝔵	𝔵	𝔵	𝔵	`\mfrakx`	mathematical fraktur small x
U+1D536	𝔶	𝔶	𝔶	𝔶	𝔶	𝔶	𝔶	`\mfraky`	mathematical fraktur small y
U+1D537	𝔷	𝔷	𝔷	𝔷	𝔷	𝔷	𝔷	`\mfrakz`	mathematical fraktur small z

15.1.11 Blackboard, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D538	𝔸	𝔸	𝔸	𝔸	𝔸	𝔸	𝔸	`\BbbA`	mathematical double-struck capital a
U+1D539	𝔹	𝔹	𝔹	𝔹	𝔹	𝔹	𝔹	`\BbbB`	mathematical double-struck capital b
U+1D53B	𝔻	𝔻	𝔻	𝔻	𝔻	𝔻	𝔻	`\BbbD`	mathematical double-struck capital d
U+1D53C	𝔼	𝔼	𝔼	𝔼	𝔼	𝔼	𝔼	`\BbbE`	mathematical double-struck capital e
U+1D53D	𝔽	𝔽	𝔽	𝔽	𝔽	𝔽	𝔽	`\BbbF`	mathematical double-struck capital f
U+1D53E	𝔾	𝔾	𝔾	𝔾	𝔾	𝔾	𝔾	`\BbbG`	mathematical double-struck capital g
U+1D540	𝕀	𝕀	𝕀	𝕀	𝕀	𝕀	𝕀	`\BbbI`	mathematical double-struck capital i
U+1D541	𝕁	𝕁	𝕁	𝕁	𝕁	𝕁	𝕁	`\BbbJ`	mathematical double-struck capital j
U+1D542	𝕂	𝕂	𝕂	𝕂	𝕂	𝕂	𝕂	`\BbbK`	mathematical double-struck capital k
U+1D543	𝕃	𝕃	𝕃	𝕃	𝕃	𝕃	𝕃	`\BbbL`	mathematical double-struck capital l
U+1D544	𝕄	𝕄	𝕄	𝕄	𝕄	𝕄	𝕄	`\BbbM`	mathematical double-struck capital m

USV	M	S	E	X	P	L	G	Macro	Description
U+1D546	𝕆	𝕆	𝕆	𝕆	𝕆	𝕆	𝕆	`\BbbO`	mathematical double-struck capital o
U+1D54A	𝕊	𝕊	𝕊	𝕊	𝕊	𝕊	𝕊	`\BbbS`	mathematical double-struck capital s
U+1D54B	𝕋	𝕋	𝕋	𝕋	𝕋	𝕋	𝕋	`\BbbT`	mathematical double-struck capital t
U+1D54C	𝕌	𝕌	𝕌	𝕌	𝕌	𝕌	𝕌	`\BbbU`	mathematical double-struck capital u
U+1D54D	𝕍	𝕍	𝕍	𝕍	𝕍	𝕍	𝕍	`\BbbV`	mathematical double-struck capital v
U+1D54E	𝕎	𝕎	𝕎	𝕎	𝕎	𝕎	𝕎	`\BbbW`	mathematical double-struck capital w
U+1D54F	𝕏	𝕏	𝕏	𝕏	𝕏	𝕏	𝕏	`\BbbX`	mathematical double-struck capital x
U+1D550	𝕐	𝕐	𝕐	𝕐	𝕐	𝕐	𝕐	`\BbbY`	mathematical double-struck capital y

15.1.12 Blackboard, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D552	𝕒	𝕒	𝕒	𝕒	𝕒	𝕒	𝕒	`\Bbba`	mathematical double-struck small a
U+1D553	𝕓	𝕓	𝕓	𝕓	𝕓	𝕓	𝕓	`\Bbbb`	mathematical double-struck small b
U+1D554	𝕔	𝕔	𝕔	𝕔	𝕔	𝕔	𝕔	`\Bbbc`	mathematical double-struck small c
U+1D555	𝕕	𝕕	𝕕	𝕕	𝕕	𝕕	𝕕	`\Bbbd`	mathematical double-struck small d
U+1D556	𝕖	𝕖	𝕖	𝕖	𝕖	𝕖	𝕖	`\Bbbe`	mathematical double-struck small e
U+1D557	𝕗	𝕗	𝕗	𝕗	𝕗	𝕗	𝕗	`\Bbbf`	mathematical double-struck small f
U+1D558	𝕘	𝕘	𝕘	𝕘	𝕘	𝕘	𝕘	`\Bbbg`	mathematical double-struck small g
U+1D559	𝕙	𝕙	𝕙	𝕙	𝕙	𝕙	𝕙	`\Bbbh`	mathematical double-struck small h
U+1D55A	𝕚	𝕚	𝕚	𝕚	𝕚	𝕚	𝕚	`\Bbbi`	mathematical double-struck small i
U+1D55B	𝕛	𝕛	𝕛	𝕛	𝕛	𝕛	𝕛	`\Bbbj`	mathematical double-struck small j
U+1D55C	𝕜	𝕜	𝕜	𝕜	𝕜	𝕜	𝕜	`\Bbbk`[a]	mathematical double-struck small k
U+1D55D	𝕝	𝕝	𝕝	𝕝	𝕝	𝕝	𝕝	`\Bbbl`	mathematical double-struck small l
U+1D55E	𝕞	𝕞	𝕞	𝕞	𝕞	𝕞	𝕞	`\Bbbm`	mathematical double-struck small m
U+1D55F	𝕟	𝕟	𝕟	𝕟	𝕟	𝕟	𝕟	`\Bbbn`	mathematical double-struck small n

USV	M	S	E	X	P	L	G	Macro	Description
U+1D560	𝕠	𝕠	𝕠	𝕠	𝕠	𝕠	𝕠	`\Bbbo`	mathematical double-struck small o
U+1D561	𝕡	𝕡	𝕡	𝕡	𝕡	𝕡	𝕡	`\Bbbp`	mathematical double-struck small p
U+1D562	𝕢	𝕢	𝕢	𝕢	𝕢	𝕢	𝕢	`\Bbbq`	mathematical double-struck small q
U+1D563	𝕣	𝕣	𝕣	𝕣	𝕣	𝕣	𝕣	`\Bbbr`	mathematical double-struck small r
U+1D564	𝕤	𝕤	𝕤	𝕤	𝕤	𝕤	𝕤	`\Bbbs`	mathematical double-struck small s
U+1D565	𝕥	𝕥	𝕥	𝕥	𝕥	𝕥	𝕥	`\Bbbt`	mathematical double-struck small t
U+1D566	𝕦	𝕦	𝕦	𝕦	𝕦	𝕦	𝕦	`\Bbbu`	mathematical double-struck small u
U+1D567	𝕧	𝕧	𝕧	𝕧	𝕧	𝕧	𝕧	`\Bbbv`	mathematical double-struck small v
U+1D568	𝕨	𝕨	𝕨	𝕨	𝕨	𝕨	𝕨	`\Bbbw`	mathematical double-struck small w
U+1D569	𝕩	𝕩	𝕩	𝕩	𝕩	𝕩	𝕩	`\Bbbx`	mathematical double-struck small x
U+1D56A	𝕪	𝕪	𝕪	𝕪	𝕪	𝕪	𝕪	`\Bbby`	mathematical double-struck small y
U+1D56B	𝕫	𝕫	𝕫	𝕫	𝕫	𝕫	𝕫	`\Bbbz`	mathematical double-struck small z

15.1.13 Sans serif, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5A0	𝖠	𝖠	𝖠	𝖠	𝖠	𝖠	𝖠	`\msansA`	mathematical sans-serif capital a
U+1D5A1	𝖡	𝖡	𝖡	𝖡	𝖡	𝖡	𝖡	`\msansB`	mathematical sans-serif capital b
U+1D5A2	𝖢	𝖢	𝖢	𝖢	𝖢	𝖢	𝖢	`\msansC`	mathematical sans-serif capital c
U+1D5A3	𝖣	𝖣	𝖣	𝖣	𝖣	𝖣	𝖣	`\msansD`	mathematical sans-serif capital d
U+1D5A4	𝖤	𝖤	𝖤	𝖤	𝖤	𝖤	𝖤	`\msansE`	mathematical sans-serif capital e
U+1D5A5	𝖥	𝖥	𝖥	𝖥	𝖥	𝖥	𝖥	`\msansF`	mathematical sans-serif capital f
U+1D5A6	𝖦	𝖦	𝖦	𝖦	𝖦	𝖦	𝖦	`\msansG`	mathematical sans-serif capital g
U+1D5A7	𝖧	𝖧	𝖧	𝖧	𝖧	𝖧	𝖧	`\msansH`	mathematical sans-serif capital h
U+1D5A8	𝖨	𝖨	𝖨	𝖨	𝖨	𝖨	𝖨	`\msansI`	mathematical sans-serif capital i
U+1D5A9	𝖩	𝖩	𝖩	𝖩	𝖩	𝖩	𝖩	`\msansJ`	mathematical sans-serif capital j
U+1D5AA	𝖪	𝖪	𝖪	𝖪	𝖪	𝖪	𝖪	`\msansK`	mathematical sans-serif capital k

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

15.1.14 Sans serif, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5BA	a	a	a	a	a	a	a	\msansa	mathematical sans-serif small a
U+1D5BB	b	b	b	b	b	b	b	\msansb	mathematical sans-serif small b
U+1D5BC	c	c	c	c	c	c	c	\msansc	mathematical sans-serif small c
U+1D5BD	d	d	d	d	d	d	d	\msansd	mathematical sans-serif small d
U+1D5BE	e	e	e	e	e	e	e	\msanse	mathematical sans-serif small e
U+1D5BF	f	f	f	f	f	f	f	\msansf	mathematical sans-serif small f
U+1D5C0	g	g	g	g	g	g	g	\msansg	mathematical sans-serif small g
U+1D5C1	h	h	h	h	h	h	h	\msansh	mathematical sans-serif small h
U+1D5C2	i	i	i	i	i	i	i	\msansi	mathematical sans-serif small i
U+1D5C3	j	j	j	j	j	j	j	\msansj	mathematical sans-serif small j

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5C4	k	k	k	k	k	k	k	\msansk	mathematical sans-serif small k
U+1D5C5	l	l	l	l	l	l	l	\msansl	mathematical sans-serif small l
U+1D5C6	m	m	m	m	m	m	m	\msansm	mathematical sans-serif small m
U+1D5C7	n	n	n	n	n	n	n	\msansn	mathematical sans-serif small n
U+1D5C8	o	o	o	o	o	o	o	\msanso	mathematical sans-serif small o
U+1D5C9	p	p	p	p	p	p	p	\msansp	mathematical sans-serif small p
U+1D5CA	q	q	q	q	q	q	q	\msansq	mathematical sans-serif small q
U+1D5CB	r	r	r	r	r	r	r	\msansr	mathematical sans-serif small r
U+1D5CC	s	s	s	s	s	s	s	\msanss	mathematical sans-serif small s
U+1D5CD	t	t	t	t	t	t	t	\msanst	mathematical sans-serif small t
U+1D5CE	u	u	u	u	u	u	u	\msansu	mathematical sans-serif small u
U+1D5CF	v	v	v	v	v	v	v	\msansv	mathematical sans-serif small v
U+1D5D0	w	w	w	w	w	w	w	\msansw	mathematical sans-serif small w
U+1D5D1	x	x	x	x	x	x	x	\msansx	mathematical sans-serif small x
U+1D5D2	y	y	y	y	y	y	y	\msansy	mathematical sans-serif small y
U+1D5D3	z	z	z	z	z	z	z	\msansz	mathematical sans-serif small z

15.1.15 Italic sans serif, Latin, uppercase

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

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

15.1.16 Italic sans serif, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D622	a	a	a	a	a	a	a	`\mitsansa`	mathematical sans-serif italic small a
U+1D623	b	b	b	b	b	b	b	`\mitsansb`	mathematical sans-serif italic small b
U+1D624	c	c	c	c	c	c	c	`\mitsansc`	mathematical sans-serif italic small c
U+1D625	d	d	d	d	d	d	d	`\mitsansd`	mathematical sans-serif italic small d
U+1D626	e	e	e	e	e	e	e	`\mitsanse`	mathematical sans-serif italic small e
U+1D627	f	f	f	f	f	f	f	`\mitsansf`	mathematical sans-serif italic small f

USV	M	S	E	X	P	L	G	Macro	Description
U+1D628	g	g	g	g	g	g	g	`\mitsansg`	mathematical sans-serif italic small g
U+1D629	h	h	h	h	h	h	h	`\mitsansh`	mathematical sans-serif italic small h
U+1D62A	i	i	i	i	i	i	i	`\mitsansi`	mathematical sans-serif italic small i
U+1D62B	j	j	j	j	j	j	j	`\mitsansj`	mathematical sans-serif italic small j
U+1D62C	k	k	k	k	k	k	k	`\mitsansk`	mathematical sans-serif italic small k
U+1D62D	l	l	l	l	l	l	l	`\mitsansl`	mathematical sans-serif italic small l
U+1D62E	m	m	m	m	m	m	m	`\mitsansm`	mathematical sans-serif italic small m
U+1D62F	n	n	n	n	n	n	n	`\mitsansn`	mathematical sans-serif italic small n
U+1D630	o	o	o	o	o	o	o	`\mitsanso`	mathematical sans-serif italic small o
U+1D631	p	p	p	p	p	p	p	`\mitsansp`	mathematical sans-serif italic small p
U+1D632	q	q	q	q	q	q	q	`\mitsansq`	mathematical sans-serif italic small q
U+1D633	r	r	r	r	r	r	r	`\mitsansr`	mathematical sans-serif italic small r
U+1D634	s	s	s	s	s	s	s	`\mitsanss`	mathematical sans-serif italic small s
U+1D635	t	t	t	t	t	t	t	`\mitsanst`	mathematical sans-serif italic small t
U+1D636	u	u	u	u	u	u	u	`\mitsansu`	mathematical sans-serif italic small u
U+1D637	v	v	v	v	v	v	v	`\mitsansv`	mathematical sans-serif italic small v
U+1D638	w	w	w	w	w	w	w	`\mitsansw`	mathematical sans-serif italic small w
U+1D639	x	x	x	x	x	x	x	`\mitsansx`	mathematical sans-serif italic small x
U+1D63A	y	y	y	y	y	y	y	`\mitsansy`	mathematical sans-serif italic small y
U+1D63B	z	z	z	z	z	z	z	`\mitsansz`	mathematical sans-serif italic small z

15.1.17 Typewriter, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D670	$\mathtt{A}$	$\mathtt{A}$	$\mathtt{A}$	$\mathtt{A}$	$\mathtt{A}$	$\mathtt{A}$	$\mathtt{A}$	`\mttA`	mathematical monospace capital a
U+1D671	$\mathtt{B}$	$\mathtt{B}$	$\mathtt{B}$	$\mathtt{B}$	$\mathtt{B}$	$\mathtt{B}$	$\mathtt{B}$	`\mttB`	mathematical monospace capital b

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

USV	M	S	E	X	P	L	G	Macro	Description

15.1.18 Typewriter, Latin, lowercase

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

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6A0	𝙬	𝙬	𝙬	𝙬	𝙬	𝙬	𝙬	\mttw	mathematical monospace small w
U+1D6A1	𝙭	𝙭	𝙭	𝙭	𝙭	𝙭	𝙭	\mttx	mathematical monospace small x
U+1D6A2	𝙮	𝙮	𝙮	𝙮	𝙮	𝙮	𝙮	\mtty	mathematical monospace small y
U+1D6A3	𝙯	𝙯	𝙯	𝙯	𝙯	𝙯	𝙯	\mttz	mathematical monospace small z

15.2 Bold

15.2.1 Bold, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D400	𝐀	𝐀	𝐀	𝐀	𝐀	𝐀	𝐀	\mbfA	mathematical bold capital a
U+1D401	𝐁	𝐁	𝐁	𝐁	𝐁	𝐁	𝐁	\mbfB	mathematical bold capital b
U+1D402	𝐂	𝐂	𝐂	𝐂	𝐂	𝐂	𝐂	\mbfC	mathematical bold capital c
U+1D403	𝐃	𝐃	𝐃	𝐃	𝐃	𝐃	𝐃	\mbfD	mathematical bold capital d
U+1D404	𝐄	𝐄	𝐄	𝐄	𝐄	𝐄	𝐄	\mbfE	mathematical bold capital e
U+1D405	𝐅	𝐅	𝐅	𝐅	𝐅	𝐅	𝐅	\mbfF	mathematical bold capital f
U+1D406	𝐆	𝐆	𝐆	𝐆	𝐆	𝐆	𝐆	\mbfG	mathematical bold capital g
U+1D407	𝐇	𝐇	𝐇	𝐇	𝐇	𝐇	𝐇	\mbfH	mathematical bold capital h
U+1D408	𝐈	𝐈	𝐈	𝐈	𝐈	𝐈	𝐈	\mbfI	mathematical bold capital i
U+1D409	𝐉	𝐉	𝐉	𝐉	𝐉	𝐉	𝐉	\mbfJ	mathematical bold capital j
U+1D40A	𝐊	𝐊	𝐊	𝐊	𝐊	𝐊	𝐊	\mbfK	mathematical bold capital k
U+1D40B	𝐋	𝐋	𝐋	𝐋	𝐋	𝐋	𝐋	\mbfL	mathematical bold capital l
U+1D40C	𝐌	𝐌	𝐌	𝐌	𝐌	𝐌	𝐌	\mbfM	mathematical bold capital m
U+1D40D	𝐍	𝐍	𝐍	𝐍	𝐍	𝐍	𝐍	\mbfN	mathematical bold capital n
U+1D40E	𝐎	𝐎	𝐎	𝐎	𝐎	𝐎	𝐎	\mbfO	mathematical bold capital o
U+1D40F	𝐏	𝐏	𝐏	𝐏	𝐏	𝐏	𝐏	\mbfP	mathematical bold capital p
U+1D410	𝐐	𝐐	𝐐	𝐐	𝐐	𝐐	𝐐	\mbfQ	mathematical bold capital q
U+1D411	𝐑	𝐑	𝐑	𝐑	𝐑	𝐑	𝐑	\mbfR	mathematical bold capital r
U+1D412	𝐒	𝐒	𝐒	𝐒	𝐒	𝐒	𝐒	\mbfS	mathematical bold capital s
U+1D413	𝐓	𝐓	𝐓	𝐓	𝐓	𝐓	𝐓	\mbfT	mathematical bold capital t
U+1D414	𝐔	𝐔	𝐔	𝐔	𝐔	𝐔	𝐔	\mbfU	mathematical bold capital u
U+1D415	𝐕	𝐕	𝐕	𝐕	𝐕	𝐕	𝐕	\mbfV	mathematical bold capital v
U+1D416	𝐖	𝐖	𝐖	𝐖	𝐖	𝐖	𝐖	\mbfW	mathematical bold capital w

USV	M	S	E	X	P	L	G	Macro	Description
U+1D417	𝐗	𝐗	𝐗	𝐗	𝐗	𝐗	𝐗	`\mbfX`	mathematical bold capital x
U+1D418	𝐘	𝐘	𝐘	𝐘	𝐘	𝐘	𝐘	`\mbfY`	mathematical bold capital y
U+1D419	𝐙	𝐙	𝐙	𝐙	𝐙	𝐙	𝐙	`\mbfZ`	mathematical bold capital z

15.2.2 Bold, Latin, lowercase

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

15.2.3 Bold Greek, uppercase

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

15.2.4 Bold Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6C2	𝛂	𝛂	𝛂	𝛂	𝛂	𝛂	𝛂	`\mbfalpha`	mathematical bold small alpha
U+1D6C3	𝛃	𝛃	𝛃	𝛃	𝛃	𝛃	𝛃	`\mbfbeta`	mathematical bold small beta
U+1D6C4	𝛄	𝛄	𝛄	𝛄	𝛄	𝛄	𝛄	`\mbfgamma`	mathematical bold small gamma
U+1D6C5	𝛅	𝛅	𝛅	𝛅	𝛅	𝛅	𝛅	`\mbfdelta`	mathematical bold small delta
U+1D6C6	𝛆	𝛆	𝛆	𝛆	𝛆	𝛆	𝛆	`\mbfvarepsilon`	mathematical bold small varepsilon
U+1D6C7	𝛇	𝛇	𝛇	𝛇	𝛇	𝛇	𝛇	`\mbfzeta`	mathematical bold small zeta
U+1D6C8	𝛈	𝛈	𝛈	𝛈	𝛈	𝛈	𝛈	`\mbfeta`	mathematical bold small eta
U+1D6C9	𝛉	𝛉	𝛉	𝛉	𝛉	𝛉	𝛉	`\mbftheta`	mathematical bold small theta
U+1D6CA	𝛊	𝛊	𝛊	𝛊	𝛊	𝛊	𝛊	`\mbfiota`	mathematical bold small iota
U+1D6CB	𝛋	𝛋	𝛋	𝛋	𝛋	𝛋	𝛋	`\mbfkappa`	mathematical bold small kappa
U+1D6CC	𝛌	𝛌	𝛌	𝛌	𝛌	𝛌	𝛌	`\mbflambda`	mathematical bold small lambda
U+1D6CD	𝛍	𝛍	𝛍	𝛍	𝛍	𝛍	𝛍	`\mbfmu`	mathematical bold small mu
U+1D6CE	𝛎	𝛎	𝛎	𝛎	𝛎	𝛎	𝛎	`\mbfnu`	mathematical bold small nu
U+1D6CF	𝛏	𝛏	𝛏	𝛏	𝛏	𝛏	𝛏	`\mbfxi`	mathematical bold small xi
U+1D6D0	𝛐	𝛐	𝛐	𝛐	𝛐	𝛐	𝛐	`\mbfomicron`	mathematical bold small omicron
U+1D6D1	𝛑	𝛑	𝛑	𝛑	𝛑	𝛑	𝛑	`\mbfpi`	mathematical bold small pi
U+1D6D2	𝛒	𝛒	𝛒	𝛒	𝛒	𝛒	𝛒	`\mbfrho`	mathematical bold small rho
U+1D6D3	𝛓	𝛓	𝛓	𝛓	𝛓	𝛓	𝛓	`\mbfvarsigma`	mathematical bold small final sigma
U+1D6D4	𝛔	𝛔	𝛔	𝛔	𝛔	𝛔	𝛔	`\mbfsigma`	mathematical bold small sigma
U+1D6D5	𝛕	𝛕	𝛕	𝛕	𝛕	𝛕	𝛕	`\mbftau`	mathematical bold small tau
U+1D6D6	𝛖	𝛖	𝛖	𝛖	𝛖	𝛖	𝛖	`\mbfupsilon`	mathematical bold small upsilon
U+1D6D7	𝛗	𝛗	𝛗	𝛗	𝛗	𝛗	𝛗	`\mbfvarphi`	mathematical bold small phi
U+1D6D8	𝛘	𝛘	𝛘	𝛘	𝛘	𝛘	𝛘	`\mbfchi`	mathematical bold small chi
U+1D6D9	𝛙	𝛙	𝛙	𝛙	𝛙	𝛙	𝛙	`\mbfpsi`	mathematical bold small psi
U+1D6DA	𝛚	𝛚	𝛚	𝛚	𝛚	𝛚	𝛚	`\mbfomega`	mathematical bold small omega
U+1D6DB	𝛛	𝛛	𝛛	𝛛	𝛛	𝛛	𝛛	`\mbfpartial`	mathematical bold partial differential
U+1D6DC	𝛜	𝛜	𝛜	𝛜	𝛜	𝛜	𝛜	`\mbfepsilon`	mathematical bold varepsilon symbol
U+1D6DD	𝛝	𝛝	𝛝	𝛝	𝛝	𝛝	𝛝	`\mbfvartheta`	mathematical bold theta symbol
U+1D6DE	𝛞	𝛞	𝛞	𝛞	𝛞	𝛞	𝛞	`\mbfvarkappa`	mathematical bold kappa symbol
U+1D6DF	𝛟	𝛟	𝛟	𝛟	𝛟	𝛟	𝛟	`\mbfphi`	mathematical bold phi symbol
U+1D6E0	𝛠	𝛠	𝛠	𝛠	𝛠	𝛠	𝛠	`\mbfvarrho`	mathematical bold rho symbol

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6E1	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	`\mbfvarpi`	mathematical bold pi symbol

15.2.5 Bold italic, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D468	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	$\boldsymbol{\mathit{A}}$	`\mbfitA`	mathematical bold italic capital a
U+1D469	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	$\boldsymbol{\mathit{B}}$	`\mbfitB`	mathematical bold italic capital b
U+1D46A	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	$\boldsymbol{\mathit{C}}$	`\mbfitC`	mathematical bold italic capital c
U+1D46B	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	$\boldsymbol{\mathit{D}}$	`\mbfitD`	mathematical bold italic capital d
U+1D46C	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	$\boldsymbol{\mathit{E}}$	`\mbfitE`	mathematical bold italic capital e
U+1D46D	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	$\boldsymbol{\mathit{F}}$	`\mbfitF`	mathematical bold italic capital f
U+1D46E	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	$\boldsymbol{\mathit{G}}$	`\mbfitG`	mathematical bold italic capital g
U+1D46F	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	$\boldsymbol{\mathit{H}}$	`\mbfitH`	mathematical bold italic capital h
U+1D470	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	$\boldsymbol{\mathit{I}}$	`\mbfitI`	mathematical bold italic capital i
U+1D471	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	$\boldsymbol{\mathit{J}}$	`\mbfitJ`	mathematical bold italic capital j
U+1D472	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	$\boldsymbol{\mathit{K}}$	`\mbfitK`	mathematical bold italic capital k
U+1D473	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	$\boldsymbol{\mathit{L}}$	`\mbfitL`	mathematical bold italic capital l
U+1D474	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	$\boldsymbol{\mathit{M}}$	`\mbfitM`	mathematical bold italic capital m
U+1D475	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	$\boldsymbol{\mathit{N}}$	`\mbfitN`	mathematical bold italic capital n
U+1D476	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	$\boldsymbol{\mathit{O}}$	`\mbfitO`	mathematical bold italic capital o
U+1D477	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	$\boldsymbol{\mathit{P}}$	`\mbfitP`	mathematical bold italic capital p
U+1D478	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	$\boldsymbol{\mathit{Q}}$	`\mbfitQ`	mathematical bold italic capital q
U+1D479	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	$\boldsymbol{\mathit{R}}$	`\mbfitR`	mathematical bold italic capital r
U+1D47A	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	$\boldsymbol{\mathit{S}}$	`\mbfitS`	mathematical bold italic capital s
U+1D47B	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	`\mbfitT`	mathematical bold italic capital t
U+1D47C	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	$\boldsymbol{\mathit{U}}$	`\mbfitU`	mathematical bold italic capital u

USV	M	S	E	X	P	L	G	Macro	Description
U+1D47D	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	$\mathbf{\mathit{V}}$	`\mbfitV`	mathematical bold italic capital v
U+1D47E	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	$\mathbf{\mathit{W}}$	`\mbfitW`	mathematical bold italic capital w
U+1D47F	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	$\mathbf{\mathit{X}}$	`\mbfitX`	mathematical bold italic capital x
U+1D480	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	$\mathbf{\mathit{Y}}$	`\mbfitY`	mathematical bold italic capital y
U+1D481	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	$\mathbf{\mathit{Z}}$	`\mbfitZ`	mathematical bold italic capital z

15.2.6 Bold italic, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D482	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	$\mathbf{\mathit{a}}$	`\mbfita`	mathematical bold italic small a
U+1D483	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	$\mathbf{\mathit{b}}$	`\mbfitb`	mathematical bold italic small b
U+1D484	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	$\mathbf{\mathit{c}}$	`\mbfitc`	mathematical bold italic small c
U+1D485	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	$\mathbf{\mathit{d}}$	`\mbfitd`	mathematical bold italic small d
U+1D486	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	$\mathbf{\mathit{e}}$	`\mbfite`	mathematical bold italic small e
U+1D487	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	$\mathbf{\mathit{f}}$	`\mbfitf`	mathematical bold italic small f
U+1D488	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	$\mathbf{\mathit{g}}$	`\mbfitg`	mathematical bold italic small g
U+1D489	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	$\mathbf{\mathit{h}}$	`\mbfith`	mathematical bold italic small h
U+1D48A	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	$\mathbf{\mathit{i}}$	`\mbfiti`	mathematical bold italic small i
U+1D48B	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	$\mathbf{\mathit{j}}$	`\mbfitj`	mathematical bold italic small j
U+1D48C	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	$\mathbf{\mathit{k}}$	`\mbfitk`	mathematical bold italic small k
U+1D48D	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	$\mathbf{\mathit{l}}$	`\mbfitl`	mathematical bold italic small l
U+1D48E	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	$\mathbf{\mathit{m}}$	`\mbfitm`	mathematical bold italic small m
U+1D48F	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	$\mathbf{\mathit{n}}$	`\mbfitn`	mathematical bold italic small n
U+1D490	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	$\mathbf{\mathit{o}}$	`\mbfito`	mathematical bold italic small o
U+1D491	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	$\mathbf{\mathit{p}}$	`\mbfitp`	mathematical bold italic small p
U+1D492	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	$\mathbf{\mathit{q}}$	`\mbfitq`	mathematical bold italic small q
U+1D493	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	$\mathbf{\mathit{r}}$	`\mbfitr`	mathematical bold italic small r
U+1D494	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	$\mathbf{\mathit{s}}$	`\mbfits`	mathematical bold italic small s
U+1D495	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	$\mathbf{\mathit{t}}$	`\mbfitt`	mathematical bold italic small t
U+1D496	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	$\mathbf{\mathit{u}}$	`\mbfitu`	mathematical bold italic small u
U+1D497	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	$\mathbf{\mathit{v}}$	`\mbfitv`	mathematical bold italic small v
U+1D498	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	$\mathbf{\mathit{w}}$	`\mbfitw`	mathematical bold italic small w

USV	M	S	E	X	P	L	G	Macro	Description
U+1D499	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	$\boldsymbol{\mathit{x}}$	`\mbfitx`	mathematical bold italic small x
U+1D49A	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	$\boldsymbol{\mathit{y}}$	`\mbfity`	mathematical bold italic small y
U+1D49B	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	$\boldsymbol{\mathit{z}}$	`\mbfitz`	mathematical bold italic small z

15.2.7 Bold italic Greek, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D71C	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	$\boldsymbol{\mathit{\Alpha}}$	`\mbfitAlpha`	mathematical bold italic capital alpha
U+1D71D	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	$\boldsymbol{\mathit{\Beta}}$	`\mbfitBeta`	mathematical bold italic capital beta
U+1D71E	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	$\boldsymbol{\mathit{\Gamma}}$	`\mbfitGamma`	mathematical bold italic capital gamma
U+1D71F	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	$\boldsymbol{\mathit{\Delta}}$	`\mbfitDelta`	mathematical bold italic capital delta
U+1D720	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	$\boldsymbol{\mathit{\Epsilon}}$	`\mbfitEpsilon`	mathematical bold italic capital epsilon
U+1D721	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	$\boldsymbol{\mathit{\Zeta}}$	`\mbfitZeta`	mathematical bold italic capital zeta
U+1D722	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	$\boldsymbol{\mathit{\Eta}}$	`\mbfitEta`	mathematical bold italic capital eta
U+1D723	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	$\boldsymbol{\mathit{\Theta}}$	`\mbfitTheta`	mathematical bold italic capital theta
U+1D724	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	$\boldsymbol{\mathit{\Iota}}$	`\mbfitIota`	mathematical bold italic capital iota
U+1D725	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	$\boldsymbol{\mathit{\Kappa}}$	`\mbfitKappa`	mathematical bold italic capital kappa
U+1D726	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	$\boldsymbol{\mathit{\Lambda}}$	`\mbfitLambda`	mathematical bold italic capital lambda
U+1D727	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	$\boldsymbol{\mathit{\Mu}}$	`\mbfitMu`	mathematical bold italic capital mu
U+1D728	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	$\boldsymbol{\mathit{\Nu}}$	`\mbfitNu`	mathematical bold italic capital nu
U+1D729	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	$\boldsymbol{\mathit{\Xi}}$	`\mbfitXi`	mathematical bold italic capital xi
U+1D72A	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	$\boldsymbol{\mathit{\Omicron}}$	`\mbfitOmicron`	mathematical bold italic capital omicron
U+1D72B	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	$\boldsymbol{\mathit{\Pi}}$	`\mbfitPi`	mathematical bold italic capital pi
U+1D72C	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	$\boldsymbol{\mathit{\Rho}}$	`\mbfitRho`	mathematical bold italic capital rho
U+1D72D	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	$\boldsymbol{\mathit{\varTheta}}$	`\mbfitvarTheta`	mathematical bold italic capital theta symbol
U+1D72E	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	$\boldsymbol{\mathit{\Sigma}}$	`\mbfitSigma`	mathematical bold italic capital sigma

USV	M	S	E	X	P	L	G	Macro	Description
U+1D72F	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	$\boldsymbol{\mathit{T}}$	`\mbfitTau`	mathematical bold italic capital tau
U+1D730	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	$\boldsymbol{\mathit{\Upsilon}}$	`\mbfitUpsilon`	mathematical bold italic capital upsilon
U+1D731	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	$\boldsymbol{\mathit{\Phi}}$	`\mbfitPhi`	mathematical bold italic capital phi
U+1D732	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	$\boldsymbol{\mathit{X}}$	`\mbfitChi`	mathematical bold italic capital chi
U+1D733	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	$\boldsymbol{\mathit{\Psi}}$	`\mbfitPsi`	mathematical bold italic capital psi
U+1D734	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	$\boldsymbol{\mathit{\Omega}}$	`\mbfitOmega`	mathematical bold italic capital omega

15.2.8 Bold italic Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D736	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	$\boldsymbol{\mathit{\alpha}}$	`\mbfitalpha`	mathematical bold italic small alpha
U+1D737	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	$\boldsymbol{\mathit{\beta}}$	`\mbfitbeta`	mathematical bold italic small beta
U+1D738	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	$\boldsymbol{\mathit{\gamma}}$	`\mbfitgamma`	mathematical bold italic small gamma
U+1D739	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	$\boldsymbol{\mathit{\delta}}$	`\mbfitdelta`	mathematical bold italic small delta
U+1D73A	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	$\boldsymbol{\mathit{\varepsilon}}$	`\mbfitvarepsilon`	mathematical bold italic small varepsilon
U+1D73B	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	$\boldsymbol{\mathit{\zeta}}$	`\mbfitzeta`	mathematical bold italic small zeta
U+1D73C	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	$\boldsymbol{\mathit{\eta}}$	`\mbfiteta`	mathematical bold italic small eta
U+1D73D	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	$\boldsymbol{\mathit{\theta}}$	`\mbfittheta`	mathematical bold italic small theta
U+1D73E	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	$\boldsymbol{\mathit{\iota}}$	`\mbfitiota`	mathematical bold italic small iota
U+1D73F	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	$\boldsymbol{\mathit{\kappa}}$	`\mbfitkappa`	mathematical bold italic small kappa
U+1D740	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	$\boldsymbol{\mathit{\lambda}}$	`\mbfitlambda`	mathematical bold italic small lambda
U+1D741	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	$\boldsymbol{\mathit{\mu}}$	`\mbfitmu`	mathematical bold italic small mu
U+1D742	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	$\boldsymbol{\mathit{\nu}}$	`\mbfitnu`	mathematical bold italic small nu
U+1D743	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	$\boldsymbol{\mathit{\xi}}$	`\mbfitxi`	mathematical bold italic small xi
U+1D744	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	$\boldsymbol{\mathit{o}}$	`\mbfitomicron`	mathematical bold italic small omicron
U+1D745	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	$\boldsymbol{\mathit{\pi}}$	`\mbfitpi`	mathematical bold italic small pi

USV	M	S	E	X	P	L	G	Macro	Description
U+1D746	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	$\boldsymbol{\rho}$	`\mbfitrho`	mathematical bold italic small rho
U+1D747	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	$\boldsymbol{\varsigma}$	`\mbfitvarsigma`	mathematical bold italic small final sigma
U+1D748	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	$\boldsymbol{\sigma}$	`\mbfitsigma`	mathematical bold italic small sigma
U+1D749	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	$\boldsymbol{\tau}$	`\mbfittau`	mathematical bold italic small tau
U+1D74A	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	$\boldsymbol{\upsilon}$	`\mbfitupsilon`	mathematical bold italic small upsilon
U+1D74B	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	$\boldsymbol{\varphi}$	`\mbfitvarphi`	mathematical bold italic small phi
U+1D74C	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	$\boldsymbol{\chi}$	`\mbfitchi`	mathematical bold italic small chi
U+1D74D	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	$\boldsymbol{\psi}$	`\mbfitpsi`	mathematical bold italic small psi
U+1D74E	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	$\boldsymbol{\omega}$	`\mbfitomega`	mathematical bold italic small omega
U+1D74F	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	$\boldsymbol{\partial}$	`\mbfitpartial`	mathematical bold italic partial differential
U+1D750	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	$\boldsymbol{\epsilon}$	`\mbfitepsilon`	mathematical bold italic varepsilon symbol
U+1D751	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	$\boldsymbol{\vartheta}$	`\mbfitvartheta`	mathematical bold italic theta symbol
U+1D752	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	$\boldsymbol{\varkappa}$	`\mbfitvarkappa`	mathematical bold italic kappa symbol
U+1D753	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	$\boldsymbol{\phi}$	`\mbfitphi`	mathematical bold italic phi symbol
U+1D754	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	$\boldsymbol{\varrho}$	`\mbfitvarrho`	mathematical bold italic rho symbol
U+1D755	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	$\boldsymbol{\varpi}$	`\mbfitvarpi`	mathematical bold italic pi symbol

15.2.9 Bold script, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D4D0	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	$\boldsymbol{\mathcal{A}}$	`\mbfscrA`	mathematical bold script capital a
U+1D4D1	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	$\boldsymbol{\mathcal{B}}$	`\mbfscrB`	mathematical bold script capital b
U+1D4D2	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	$\boldsymbol{\mathcal{C}}$	`\mbfscrC`	mathematical bold script capital c
U+1D4D3	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	$\boldsymbol{\mathcal{D}}$	`\mbfscrD`	mathematical bold script capital d
U+1D4D4	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	$\boldsymbol{\mathcal{E}}$	`\mbfscrE`	mathematical bold script capital e
U+1D4D5	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	$\boldsymbol{\mathcal{F}}$	`\mbfscrF`	mathematical bold script capital f

USV	M	S	E	X	P	L	G	Macro	Description
U+1D4D6	𝓖	𝓖	𝓖	𝓖	𝓖	𝓖	𝓖	`\mbfscrG`	mathematical bold script capital g
U+1D4D7	𝓗	𝓗	𝓗	𝓗	𝓗	𝓗	𝓗	`\mbfscrH`	mathematical bold script capital h
U+1D4D8	𝓘	𝓘	𝓘	𝓘	𝓘	𝓘	𝓘	`\mbfscrI`	mathematical bold script capital i
U+1D4D9	𝓙	𝓙	𝓙	𝓙	𝓙	𝓙	𝓙	`\mbfscrJ`	mathematical bold script capital j
U+1D4DA	𝓚	𝓚	𝓚	𝓚	𝓚	𝓚	𝓚	`\mbfscrK`	mathematical bold script capital k
U+1D4DB	𝓛	𝓛	𝓛	𝓛	𝓛	𝓛	𝓛	`\mbfscrL`	mathematical bold script capital l
U+1D4DC	𝓜	𝓜	𝓜	𝓜	𝓜	𝓜	𝓜	`\mbfscrM`	mathematical bold script capital m
U+1D4DD	𝓝	𝓝	𝓝	𝓝	𝓝	𝓝	𝓝	`\mbfscrN`	mathematical bold script capital n
U+1D4DE	𝓞	𝓞	𝓞	𝓞	𝓞	𝓞	𝓞	`\mbfscrO`	mathematical bold script capital o
U+1D4DF	𝓟	𝓟	𝓟	𝓟	𝓟	𝓟	𝓟	`\mbfscrP`	mathematical bold script capital p
U+1D4E0	𝓠	𝓠	𝓠	𝓠	𝓠	𝓠	𝓠	`\mbfscrQ`	mathematical bold script capital q
U+1D4E1	𝓡	𝓡	𝓡	𝓡	𝓡	𝓡	𝓡	`\mbfscrR`	mathematical bold script capital r
U+1D4E2	𝓢	𝓢	𝓢	𝓢	𝓢	𝓢	𝓢	`\mbfscrS`	mathematical bold script capital s
U+1D4E3	𝓣	𝓣	𝓣	𝓣	𝓣	𝓣	𝓣	`\mbfscrT`	mathematical bold script capital t
U+1D4E4	𝓤	𝓤	𝓤	𝓤	𝓤	𝓤	𝓤	`\mbfscrU`	mathematical bold script capital u
U+1D4E5	𝓥	𝓥	𝓥	𝓥	𝓥	𝓥	𝓥	`\mbfscrV`	mathematical bold script capital v
U+1D4E6	𝓦	𝓦	𝓦	𝓦	𝓦	𝓦	𝓦	`\mbfscrW`	mathematical bold script capital w
U+1D4E7	𝓧	𝓧	𝓧	𝓧	𝓧	𝓧	𝓧	`\mbfscrX`	mathematical bold script capital x
U+1D4E8	𝓨	𝓨	𝓨	𝓨	𝓨	𝓨	𝓨	`\mbfscrY`	mathematical bold script capital y
U+1D4E9	𝓩	𝓩	𝓩	𝓩	𝓩	𝓩	𝓩	`\mbfscrZ`	mathematical bold script capital z

15.2.10 Bold script, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D4EA		𝓪	𝓪	𝓪	𝓪	𝓪	𝓪	`\mbfscra`	mathematical bold script small a
U+1D4EB		𝓫			𝓫	𝓫	𝓫	`\mbfscrb`	mathematical bold script small b

USV	M	S	E	X	P	L	G	Macro	Description
U+1D4EC		𝓒			𝒸	𝒸	𝒸	\mbfscrc	mathematical bold script small c
U+1D4ED		𝓓			𝒹	𝒹	𝒹	\mbfscrd	mathematical bold script small d
U+1D4EE		𝓔			ℯ	ℯ	ℯ	\mbfscre	mathematical bold script small e
U+1D4EF		𝓕			𝒻	𝒻	𝒻	\mbfscrf	mathematical bold script small f
U+1D4F0		𝓖			ℊ	ℊ	ℊ	\mbfscrg	mathematical bold script small g
U+1D4F1		𝓗			𝒽	𝒽	𝒽	\mbfscrh	mathematical bold script small h
U+1D4F2		𝓘			𝒾	𝒾	𝒾	\mbfscri	mathematical bold script small i
U+1D4F3		𝓙			𝒿	𝒿	𝒿	\mbfscrj	mathematical bold script small j
U+1D4F4		𝓚			𝓀	𝓀	𝓀	\mbfscrk	mathematical bold script small k
U+1D4F5		𝓛	ℓ	ℓ	𝓁	ℓ	ℓ	\mbfscrl	mathematical bold script small l
U+1D4F6		𝓜			𝓂	𝓂	𝓂	\mbfscrm	mathematical bold script small m
U+1D4F7		𝓝			𝓃	𝓃	𝓃	\mbfscrn	mathematical bold script small n
U+1D4F8		𝓞			ℴ	ℴ	ℴ	\mbfscro	mathematical bold script small o
U+1D4F9		𝓟			𝓅	𝓅	𝓅	\mbfscrp	mathematical bold script small p
U+1D4FA		𝓠			𝓆	𝓆	𝓆	\mbfscrq	mathematical bold script small q
U+1D4FB		𝓡	𝓇	𝓇	𝓇	𝓇	𝓇	\mbfscrr	mathematical bold script small r
U+1D4FC		𝓢			𝓈	𝓈	𝓈	\mbfscrs	mathematical bold script small s
U+1D4FD		𝓣			𝓉	𝓉	𝓉	\mbfscrt	mathematical bold script small t
U+1D4FE		𝓤			𝓊	𝓊	𝓊	\mbfscru	mathematical bold script small u
U+1D4FF		𝓥			𝓋	𝓋	𝓋	\mbfscrv	mathematical bold script small v
U+1D500		𝓦			𝓌	𝓌	𝓌	\mbfscrw	mathematical bold script small w
U+1D501		𝓧			𝓍	𝓍	𝓍	\mbfscrx	mathematical bold script small x
U+1D502		𝓨			𝓎	𝓎	𝓎	\mbfscry	mathematical bold script small y
U+1D503		𝓩			𝓏	𝓏	𝓏	\mbfscrz	mathematical bold script small z

15.2.11 Bold fraktur, Latin, uppercase

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

USV	M	S	E	X	P	L	G	Macro	Description

15.2.12 Bold fraktur, Latin, lowercase

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

USV	M	S	E	X	P	L	G	Macro	Description
U+1D59E	𝔶	𝔶	𝔶	𝔶	𝔶	𝔶	𝔶	`\mbffraky`	mathematical bold fraktur small y
U+1D59F	𝔷	𝔷	𝔷	𝔷	𝔷	𝔷	𝔷	`\mbffrakz`	mathematical bold fraktur small z

15.2.13 Bold sans serif, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5D4	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	`\mbfsansA`	mathematical sans-serif bold capital a
U+1D5D5	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	`\mbfsansB`	mathematical sans-serif bold capital b
U+1D5D6	𝗖	𝗖	𝗖	𝗖	𝗖	𝗖	𝗖	`\mbfsansC`	mathematical sans-serif bold capital c
U+1D5D7	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	`\mbfsansD`	mathematical sans-serif bold capital d
U+1D5D8	𝗘	𝗘	𝗘	𝗘	𝗘	𝗘	𝗘	`\mbfsansE`	mathematical sans-serif bold capital e
U+1D5D9	𝗙	𝗙	𝗙	𝗙	𝗙	𝗙	𝗙	`\mbfsansF`	mathematical sans-serif bold capital f
U+1D5DA	𝗚	𝗚	𝗚	𝗚	𝗚	𝗚	𝗚	`\mbfsansG`	mathematical sans-serif bold capital g
U+1D5DB	𝗛	𝗛	𝗛	𝗛	𝗛	𝗛	𝗛	`\mbfsansH`	mathematical sans-serif bold capital h
U+1D5DC	𝗜	𝗜	𝗜	𝗜	𝗜	𝗜	𝗜	`\mbfsansI`	mathematical sans-serif bold capital i
U+1D5DD	𝗝	𝗝	𝗝	𝗝	𝗝	𝗝	𝗝	`\mbfsansJ`	mathematical sans-serif bold capital j
U+1D5DE	𝗞	𝗞	𝗞	𝗞	𝗞	𝗞	𝗞	`\mbfsansK`	mathematical sans-serif bold capital k
U+1D5DF	𝗟	𝗟	𝗟	𝗟	𝗟	𝗟	𝗟	`\mbfsansL`	mathematical sans-serif bold capital l
U+1D5E0	𝗠	𝗠	𝗠	𝗠	𝗠	𝗠	𝗠	`\mbfsansM`	mathematical sans-serif bold capital m
U+1D5E1	𝗡	𝗡	𝗡	𝗡	𝗡	𝗡	𝗡	`\mbfsansN`	mathematical sans-serif bold capital n
U+1D5E2	𝗢	𝗢	𝗢	𝗢	𝗢	𝗢	𝗢	`\mbfsansO`	mathematical sans-serif bold capital o
U+1D5E3	𝗣	𝗣	𝗣	𝗣	𝗣	𝗣	𝗣	`\mbfsansP`	mathematical sans-serif bold capital p
U+1D5E4	𝗤	𝗤	𝗤	𝗤	𝗤	𝗤	𝗤	`\mbfsansQ`	mathematical sans-serif bold capital q
U+1D5E5	𝗥	𝗥	𝗥	𝗥	𝗥	𝗥	𝗥	`\mbfsansR`	mathematical sans-serif bold capital r
U+1D5E6	𝗦	𝗦	𝗦	𝗦	𝗦	𝗦	𝗦	`\mbfsansS`	mathematical sans-serif bold capital s
U+1D5E7	𝗧	𝗧	𝗧	𝗧	𝗧	𝗧	𝗧	`\mbfsansT`	mathematical sans-serif bold capital t

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5E8	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	`\mbfsansU`	mathematical sans-serif bold capital u
U+1D5E9	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	`\mbfsansV`	mathematical sans-serif bold capital v
U+1D5EA	𝗖	𝗖	𝗖	𝗖	𝗖	𝗖	𝗖	`\mbfsansW`	mathematical sans-serif bold capital w
U+1D5EB	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	`\mbfsansX`	mathematical sans-serif bold capital x
U+1D5EC	𝗘	𝗘	𝗘	𝗘	𝗘	𝗘	𝗘	`\mbfsansY`	mathematical sans-serif bold capital y
U+1D5ED	𝗙	𝗙	𝗙	𝗙	𝗙	𝗙	𝗙	`\mbfsansZ`	mathematical sans-serif bold capital z

15.2.14 Bold sans serif, Latin, lowercase

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

USV	M	S	E	X	P	L	G	Macro	Description
U+1D5FE	q	q	q	q	q	q	q	\mbfsansq	mathematical sans-serif bold small q
U+1D5FF	r	r	r	r	r	r	r	\mbfsansr	mathematical sans-serif bold small r
U+1D600	s	s	s	s	s	s	s	\mbfsanss	mathematical sans-serif bold small s
U+1D601	t	t	t	t	t	t	t	\mbfsanst	mathematical sans-serif bold small t
U+1D602	u	u	u	u	u	u	u	\mbfsansu	mathematical sans-serif bold small u
U+1D603	v	v	v	v	v	v	v	\mbfsansv	mathematical sans-serif bold small v
U+1D604	w	w	w	w	w	w	w	\mbfsansw	mathematical sans-serif bold small w
U+1D605	x	x	x	x	x	x	x	\mbfsansx	mathematical sans-serif bold small x
U+1D606	y	y	y	y	y	y	y	\mbfsansy	mathematical sans-serif bold small y
U+1D607	z	z	z	z	z	z	z	\mbfsansz	mathematical sans-serif bold small z

15.2.15 Bold italic sans serif, Latin, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D63C	A	A	A	A	A	A	A	\mbfitsansA	mathematical sans-serif bold italic capital a
U+1D63D	B	B	B	B	B	B	B	\mbfitsansB	mathematical sans-serif bold italic capital b
U+1D63E	C	C	C	C	C	C	C	\mbfitsansC	mathematical sans-serif bold italic capital c
U+1D63F	D	D	D	D	D	D	D	\mbfitsansD	mathematical sans-serif bold italic capital d
U+1D640	E	E	E	E	E	E	E	\mbfitsansE	mathematical sans-serif bold italic capital e
U+1D641	F	F	F	F	F	F	F	\mbfitsansF	mathematical sans-serif bold italic capital f
U+1D642	G	G	G	G	G	G	G	\mbfitsansG	mathematical sans-serif bold italic capital g
U+1D643	H	H	H	H	H	H	H	\mbfitsansH	mathematical sans-serif bold italic capital h
U+1D644	I	I	I	I	I	I	I	\mbfitsansI	mathematical sans-serif bold italic capital i
U+1D645	J	J	J	J	J	J	J	\mbfitsansJ	mathematical sans-serif bold italic capital j
U+1D646	K	K	K	K	K	K	K	\mbfitsansK	mathematical sans-serif bold italic capital k
U+1D647	L	L	L	L	L	L	L	\mbfitsansL	mathematical sans-serif bold italic capital l

USV	M	S	E	X	P	L	G	Macro	Description
U+1D648	𝑴	𝑴	𝑴	𝑴	𝑴	𝑴	𝑴	`\mbfitsansM`	mathematical sans-serif bold italic capital m
U+1D649	𝑵	𝑵	𝑵	𝑵	𝑵	𝑵	𝑵	`\mbfitsansN`	mathematical sans-serif bold italic capital n
U+1D64A	𝑶	𝑶	𝑶	𝑶	𝑶	𝑶	𝑶	`\mbfitsansO`	mathematical sans-serif bold italic capital o
U+1D64B	𝑷	𝑷	𝑷	𝑷	𝑷	𝑷	𝑷	`\mbfitsansP`	mathematical sans-serif bold italic capital p
U+1D64C	𝑸	𝑸	𝑸	𝑸	𝑸	𝑸	𝑸	`\mbfitsansQ`	mathematical sans-serif bold italic capital q
U+1D64D	𝑹	𝑹	𝑹	𝑹	𝑹	𝑹	𝑹	`\mbfitsansR`	mathematical sans-serif bold italic capital r
U+1D64E	𝑺	𝑺	𝑺	𝑺	𝑺	𝑺	𝑺	`\mbfitsansS`	mathematical sans-serif bold italic capital s
U+1D64F	𝑻	𝑻	𝑻	𝑻	𝑻	𝑻	𝑻	`\mbfitsansT`	mathematical sans-serif bold italic capital t
U+1D650	𝑼	𝑼	𝑼	𝑼	𝑼	𝑼	𝑼	`\mbfitsansU`	mathematical sans-serif bold italic capital u
U+1D651	𝑽	𝑽	𝑽	𝑽	𝑽	𝑽	𝑽	`\mbfitsansV`	mathematical sans-serif bold italic capital v
U+1D652	𝑾	𝑾	𝑾	𝑾	𝑾	𝑾	𝑾	`\mbfitsansW`	mathematical sans-serif bold italic capital w
U+1D653	𝑿	𝑿	𝑿	𝑿	𝑿	𝑿	𝑿	`\mbfitsansX`	mathematical sans-serif bold italic capital x
U+1D654	𝒀	𝒀	𝒀	𝒀	𝒀	𝒀	𝒀	`\mbfitsansY`	mathematical sans-serif bold italic capital y
U+1D655	𝒁	𝒁	𝒁	𝒁	𝒁	𝒁	𝒁	`\mbfitsansZ`	mathematical sans-serif bold italic capital z

15.2.16 Bold italic sans serif, Latin, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D656	𝒂	𝒂	𝒂	𝒂	𝒂	𝒂	𝒂	`\mbfitsansa`	mathematical sans-serif bold italic small a
U+1D657	𝒃	𝒃	𝒃	𝒃	𝒃	𝒃	𝒃	`\mbfitsansb`	mathematical sans-serif bold italic small b
U+1D658	𝒄	𝒄	𝒄	𝒄	𝒄	𝒄	𝒄	`\mbfitsansc`	mathematical sans-serif bold italic small c
U+1D659	𝒅	𝒅	𝒅	𝒅	𝒅	𝒅	𝒅	`\mbfitsansd`	mathematical sans-serif bold italic small d
U+1D65A	𝒆	𝒆	𝒆	𝒆	𝒆	𝒆	𝒆	`\mbfitsanse`	mathematical sans-serif bold italic small e
U+1D65B	𝒇	𝒇	𝒇	𝒇	𝒇	𝒇	𝒇	`\mbfitsansf`	mathematical sans-serif bold italic small f
U+1D65C	𝒈	𝒈	𝒈	𝒈	𝒈	𝒈	𝒈	`\mbfitsansg`	mathematical sans-serif bold italic small g
U+1D65D	𝒉	𝒉	𝒉	𝒉	𝒉	𝒉	𝒉	`\mbfitsansh`	mathematical sans-serif bold italic small h

USV	M	S	E	X	P	L	G	Macro	Description
U+1D65E	𝙞	𝙞	𝙞	𝙞	𝙞	𝙞	𝙞	\mbfitsansi	mathematical sans-serif bold italic small i
U+1D65F	𝙟	𝙟	𝙟	𝙟	𝙟	𝙟	𝙟	\mbfitsansj	mathematical sans-serif bold italic small j
U+1D660	𝙠	𝙠	𝙠	𝙠	𝙠	𝙠	𝙠	\mbfitsansk	mathematical sans-serif bold italic small k
U+1D661	𝙡	𝙡	𝙡	𝙡	𝙡	𝙡	𝙡	\mbfitsansl	mathematical sans-serif bold italic small l
U+1D662	𝙢	𝙢	𝙢	𝙢	𝙢	𝙢	𝙢	\mbfitsansm	mathematical sans-serif bold italic small m
U+1D663	𝙣	𝙣	𝙣	𝙣	𝙣	𝙣	𝙣	\mbfitsansn	mathematical sans-serif bold italic small n
U+1D664	𝙤	𝙤	𝙤	𝙤	𝙤	𝙤	𝙤	\mbfitsanso	mathematical sans-serif bold italic small o
U+1D665	𝙥	𝙥	𝙥	𝙥	𝙥	𝙥	𝙥	\mbfitsansp	mathematical sans-serif bold italic small p
U+1D666	𝙦	𝙦	𝙦	𝙦	𝙦	𝙦	𝙦	\mbfitsansq	mathematical sans-serif bold italic small q
U+1D667	𝙧	𝙧	𝙧	𝙧	𝙧	𝙧	𝙧	\mbfitsansr	mathematical sans-serif bold italic small r
U+1D668	𝙨	𝙨	𝙨	𝙨	𝙨	𝙨	𝙨	\mbfitsanss	mathematical sans-serif bold italic small s
U+1D669	𝙩	𝙩	𝙩	𝙩	𝙩	𝙩	𝙩	\mbfitsanst	mathematical sans-serif bold italic small t
U+1D66A	𝙪	𝙪	𝙪	𝙪	𝙪	𝙪	𝙪	\mbfitsansu	mathematical sans-serif bold italic small u
U+1D66B	𝙫	𝙫	𝙫	𝙫	𝙫	𝙫	𝙫	\mbfitsansv	mathematical sans-serif bold italic small v
U+1D66C	𝙬	𝙬	𝙬	𝙬	𝙬	𝙬	𝙬	\mbfitsansw	mathematical sans-serif bold italic small w
U+1D66D	𝙭	𝙭	𝙭	𝙭	𝙭	𝙭	𝙭	\mbfitsansx	mathematical sans-serif bold italic small x
U+1D66E	𝙮	𝙮	𝙮	𝙮	𝙮	𝙮	𝙮	\mbfitsansy	mathematical sans-serif bold italic small y
U+1D66F	𝙯	𝙯	𝙯	𝙯	𝙯	𝙯	𝙯	\mbfitsansz	mathematical sans-serif bold italic small z

15.2.17 Bold sans serif Greek, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D756	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	𝗔	\mbfsansAlpha	mathematical sans-serif bold capital alpha
U+1D757	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	𝗕	\mbfsansBeta	mathematical sans-serif bold capital beta
U+1D758	𝗚	𝗚	𝗚	𝗚	𝗚	𝗚	𝗚	\mbfsansGamma	mathematical sans-serif bold capital gamma
U+1D759	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	𝗗	\mbfsansDelta	mathematical sans-serif bold capital delta

USV	M	S	E	X	P	L	G	Macro	Description
U+1D75A	Ε	Ε	Ε	Ε	Ε	Ε	Ε	`\mbfsansEpsilon`	mathematical sans-serif bold capital epsilon
U+1D75B	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	`\mbfsansZeta`	mathematical sans-serif bold capital zeta
U+1D75C	Η	Η	Η	Η	Η	Η	Η	`\mbfsansEta`	mathematical sans-serif bold capital eta
U+1D75D	Θ	Θ	Θ	Θ	Θ	Θ	Θ	`\mbfsansTheta`	mathematical sans-serif bold capital theta
U+1D75E	Ι	Ι	Ι	Ι	Ι	Ι	Ι	`\mbfsansIota`	mathematical sans-serif bold capital iota
U+1D75F	Κ	Κ	Κ	Κ	Κ	Κ	Κ	`\mbfsansKappa`	mathematical sans-serif bold capital kappa
U+1D760	Λ	Λ	Λ	Λ	Λ	Λ	Λ	`\mbfsansLambda`	mathematical sans-serif bold capital lambda
U+1D761	Μ	Μ	Μ	Μ	Μ	Μ	Μ	`\mbfsansMu`	mathematical sans-serif bold capital mu
U+1D762	Ν	Ν	Ν	Ν	Ν	Ν	Ν	`\mbfsansNu`	mathematical sans-serif bold capital nu
U+1D763	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	`\mbfsansXi`	mathematical sans-serif bold capital xi
U+1D764	Ο	Ο	Ο	Ο	Ο	Ο	Ο	`\mbfsansOmicron`	mathematical sans-serif bold capital omicron
U+1D765	Π	Π	Π	Π	Π	Π	Π	`\mbfsansPi`	mathematical sans-serif bold capital pi
U+1D766	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	`\mbfsansRho`	mathematical sans-serif bold capital rho
U+1D767	Θ	Θ	Θ	Θ	Θ	Θ	Θ	`\mbfsansvarTheta`	mathematical sans-serif bold capital theta symbol
U+1D768	Σ	Σ	Σ	Σ	Σ	Σ	Σ	`\mbfsansSigma`	mathematical sans-serif bold capital sigma
U+1D769	Τ	Τ	Τ	Τ	Τ	Τ	Τ	`\mbfsansTau`	mathematical sans-serif bold capital tau
U+1D76A	Υ	Υ	Υ	Υ	Υ	Υ	Υ	`\mbfsansUpsilon`	mathematical sans-serif bold capital upsilon
U+1D76B	Φ	Φ	Φ	Φ	Φ	Φ	Φ	`\mbfsansPhi`	mathematical sans-serif bold capital phi
U+1D76C	Χ	Χ	Χ	Χ	Χ	Χ	Χ	`\mbfsansChi`	mathematical sans-serif bold capital chi
U+1D76D	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	Ψ	`\mbfsansPsi`	mathematical sans-serif bold capital psi
U+1D76E	Ω	Ω	Ω	Ω	Ω	Ω	Ω	`\mbfsansOmega`	mathematical sans-serif bold capital omega

15.2.18 Bold sans serif Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D770	α	α	α	α	α	α	α	`\mbfsansalpha`	mathematical sans-serif bold small alpha

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

USV	M	S	E	X	P	L	G	Macro	Description
U+1D78B	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	ϑ	`\mbfsansvartheta`	mathematical sans-serif bold theta symbol
U+1D78C	ϰ	ϰ	ϰ	ϰ	ϰ			`\mbfsansvarkappa`	mathematical sans-serif bold kappa symbol
U+1D78D	ϕ	ϕ	ϕ	ϕ	ϕ			`\mbfsansphi`	mathematical sans-serif bold phi symbol
U+1D78E	ϱ	ϱ	ϱ	ϱ	ϱ			`\mbfsansvarrho`	mathematical sans-serif bold rho symbol
U+1D78F	ϖ	ϖ	ϖ	ϖ	ϖ			`\mbfsansvarpi`	mathematical sans-serif bold pi symbol

15.2.19 Bold italic sans serif Greek, uppercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D790	𝑨	𝑨	𝑨	𝑨	𝑨	𝑨		`\mbfitsansAlpha`	mathematical sans-serif bold italic capital alpha
U+1D791	𝑩	𝑩	𝑩	𝑩	𝑩	𝑩		`\mbfitsansBeta`	mathematical sans-serif bold italic capital beta
U+1D792	𝑮	𝑮	𝑮	𝑮	𝑮	𝑮		`\mbfitsansGamma`	mathematical sans-serif bold italic capital gamma
U+1D793	𝑫	𝑫	𝑫	𝑫	𝑫	𝑫		`\mbfitsansDelta`	mathematical sans-serif bold italic capital delta
U+1D794	𝑬	𝑬	𝑬	𝑬	𝑬	𝑬		`\mbfitsansEpsilon`	mathematical sans-serif bold italic capital epsilon
U+1D795	𝑭	𝑭	𝑭	𝑭	𝑭	𝑭		`\mbfitsansZeta`	mathematical sans-serif bold italic capital zeta
U+1D796	𝑯	𝑯	𝑯	𝑯	𝑯	𝑯		`\mbfitsansEta`	mathematical sans-serif bold italic capital eta
U+1D797	𝑰	𝑰	𝑰	𝑰	𝑰	𝑰		`\mbfitsansTheta`	mathematical sans-serif bold italic capital theta
U+1D798	𝑱	𝑱	𝑱	𝑱	𝑱	𝑱		`\mbfitsansIota`	mathematical sans-serif bold italic capital iota
U+1D799	𝑲	𝑲	𝑲	𝑲	𝑲	𝑲		`\mbfitsansKappa`	mathematical sans-serif bold italic capital kappa
U+1D79A	𝑳	𝑳	𝑳	𝑳	𝑳	𝑳		`\mbfitsansLambda`	mathematical sans-serif bold italic capital lambda
U+1D79B	𝑴	𝑴	𝑴	𝑴	𝑴	𝑴		`\mbfitsansMu`	mathematical sans-serif bold italic capital mu
U+1D79C	𝑵	𝑵	𝑵	𝑵	𝑵	𝑵		`\mbfitsansNu`	mathematical sans-serif bold italic capital nu
U+1D79D	𝑸	𝑸	𝑸	𝑸	𝑸	𝑸		`\mbfitsansXi`	mathematical sans-serif bold italic capital xi
U+1D79E	𝑶	𝑶	𝑶	𝑶	𝑶	𝑶		`\mbfitsansOmicron`	mathematical sans-serif bold italic capital omicron
U+1D79F	𝑷	𝑷	𝑷	𝑷	𝑷	𝑷		`\mbfitsansPi`	mathematical sans-serif bold italic capital pi
U+1D7A0	𝑸	𝑸	𝑸	𝑸	𝑸	𝑸		`\mbfitsansRho`	mathematical sans-serif bold italic capital rho

USV	M	S	E	X	P	L	G	Macro	Description
U+1D7A1	$\boldsymbol{\varTheta}$	$\boldsymbol{\varTheta}$	$\boldsymbol{\varTheta}$	$\boldsymbol{\varTheta}$	$\boldsymbol{\varTheta}$	$\boldsymbol{\varTheta}$		`\mbfitsansvarTheta`	mathematical sans-serif bold italic capital theta symbol
U+1D7A2	$\boldsymbol{\Sigma}$	$\boldsymbol{\Sigma}$	$\boldsymbol{\Sigma}$	$\boldsymbol{\Sigma}$	$\boldsymbol{\Sigma}$	$\boldsymbol{\Sigma}$		`\mbfitsansSigma`	mathematical sans-serif bold italic capital sigma
U+1D7A3	$\boldsymbol{T}$	$\boldsymbol{T}$	$\boldsymbol{T}$	$\boldsymbol{T}$	$\boldsymbol{T}$	$\boldsymbol{T}$		`\mbfitsansTau`	mathematical sans-serif bold italic capital tau
U+1D7A4	$\boldsymbol{\Upsilon}$	$\boldsymbol{\Upsilon}$	$\boldsymbol{\Upsilon}$	$\boldsymbol{\Upsilon}$	$\boldsymbol{\Upsilon}$	$\boldsymbol{\Upsilon}$		`\mbfitsansUpsilon`	mathematical sans-serif bold italic capital upsilon
U+1D7A5	$\boldsymbol{\Phi}$	$\boldsymbol{\Phi}$	$\boldsymbol{\Phi}$	$\boldsymbol{\Phi}$	$\boldsymbol{\Phi}$	$\boldsymbol{\Phi}$		`\mbfitsansPhi`	mathematical sans-serif bold italic capital phi
U+1D7A6	$\boldsymbol{X}$	$\boldsymbol{X}$	$\boldsymbol{X}$	$\boldsymbol{X}$	$\boldsymbol{X}$	$\boldsymbol{X}$		`\mbfitsansChi`	mathematical sans-serif bold italic capital chi
U+1D7A7	$\boldsymbol{\Psi}$	$\boldsymbol{\Psi}$	$\boldsymbol{\Psi}$	$\boldsymbol{\Psi}$	$\boldsymbol{\Psi}$	$\boldsymbol{\Psi}$		`\mbfitsansPsi`	mathematical sans-serif bold italic capital psi
U+1D7A8	$\boldsymbol{\Omega}$	$\boldsymbol{\Omega}$	$\boldsymbol{\Omega}$	$\boldsymbol{\Omega}$	$\boldsymbol{\Omega}$	$\boldsymbol{\Omega}$		`\mbfitsansOmega`	mathematical sans-serif bold italic capital omega

15.2.20 Bold italic sans serif Greek, lowercase

USV	M	S	E	X	P	L	G	Macro	Description
U+1D7AA	$\boldsymbol{\alpha}$	$\boldsymbol{\alpha}$	$\boldsymbol{\alpha}$	$\boldsymbol{\alpha}$	$\boldsymbol{\alpha}$	$\boldsymbol{\alpha}$		`\mbfitsansalpha`	mathematical sans-serif bold italic small alpha
U+1D7AB	$\boldsymbol{\beta}$	$\boldsymbol{\beta}$	$\boldsymbol{\beta}$	$\boldsymbol{\beta}$	$\boldsymbol{\beta}$	$\boldsymbol{\beta}$		`\mbfitsansbeta`	mathematical sans-serif bold italic small beta
U+1D7AC	$\boldsymbol{\gamma}$	$\boldsymbol{\gamma}$	$\boldsymbol{\gamma}$	$\boldsymbol{\gamma}$	$\boldsymbol{\gamma}$	$\boldsymbol{\gamma}$		`\mbfitsansgamma`	mathematical sans-serif bold italic small gamma
U+1D7AD	$\boldsymbol{\delta}$	$\boldsymbol{\delta}$	$\boldsymbol{\delta}$	$\boldsymbol{\delta}$	$\boldsymbol{\delta}$	$\boldsymbol{\delta}$		`\mbfitsansdelta`	mathematical sans-serif bold italic small delta
U+1D7AE	$\boldsymbol{\varepsilon}$	$\boldsymbol{\varepsilon}$	$\boldsymbol{\varepsilon}$	$\boldsymbol{\varepsilon}$	$\boldsymbol{\varepsilon}$	$\boldsymbol{\varepsilon}$		`\mbfitsansvarepsilon`	mathematical sans-serif bold italic small varepsilon
U+1D7AF	$\boldsymbol{\zeta}$	$\boldsymbol{\zeta}$	$\boldsymbol{\zeta}$	$\boldsymbol{\zeta}$	$\boldsymbol{\zeta}$	$\boldsymbol{\zeta}$		`\mbfitsanszeta`	mathematical sans-serif bold italic small zeta
U+1D7B0	$\boldsymbol{\eta}$	$\boldsymbol{\eta}$	$\boldsymbol{\eta}$	$\boldsymbol{\eta}$	$\boldsymbol{\eta}$	$\boldsymbol{\eta}$		`\mbfitsanseta`	mathematical sans-serif bold italic small eta
U+1D7B1	$\boldsymbol{\theta}$	$\boldsymbol{\theta}$	$\boldsymbol{\theta}$	$\boldsymbol{\theta}$	$\boldsymbol{\theta}$	$\boldsymbol{\theta}$		`\mbfitsanstheta`	mathematical sans-serif bold italic small theta
U+1D7B2	$\boldsymbol{\iota}$	$\boldsymbol{\iota}$	$\boldsymbol{\iota}$	$\boldsymbol{\iota}$	$\boldsymbol{\iota}$	$\boldsymbol{\iota}$		`\mbfitsansiota`	mathematical sans-serif bold italic small iota
U+1D7B3	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$	$\boldsymbol{\kappa}$		`\mbfitsanskappa`	mathematical sans-serif bold italic small kappa
U+1D7B4	$\boldsymbol{\lambda}$	$\boldsymbol{\lambda}$	$\boldsymbol{\lambda}$	$\boldsymbol{\lambda}$	$\boldsymbol{\lambda}$	$\boldsymbol{\lambda}$		`\mbfitsanslambda`	mathematical sans-serif bold italic small lambda
U+1D7B5	$\boldsymbol{\mu}$	$\boldsymbol{\mu}$	$\boldsymbol{\mu}$	$\boldsymbol{\mu}$	$\boldsymbol{\mu}$	$\boldsymbol{\mu}$		`\mbfitsansmu`	mathematical sans-serif bold italic small mu
U+1D7B6	$\boldsymbol{\nu}$	$\boldsymbol{\nu}$	$\boldsymbol{\nu}$	$\boldsymbol{\nu}$	$\boldsymbol{\nu}$	$\boldsymbol{\nu}$		`\mbfitsansnu`	mathematical sans-serif bold italic small nu
U+1D7B7	$\boldsymbol{\xi}$	$\boldsymbol{\xi}$	$\boldsymbol{\xi}$	$\boldsymbol{\xi}$	$\boldsymbol{\xi}$	$\boldsymbol{\xi}$		`\mbfitsansxi`	mathematical sans-serif bold italic small xi

USV	M	S	E	X	P	L	G	Macro	Description
U+1D7B8	$\boldsymbol{\mathsf{o}}$	$\boldsymbol{\mathsf{o}}$	$\boldsymbol{\mathsf{o}}$	$\boldsymbol{\mathsf{o}}$	$\boldsymbol{\mathsf{o}}$	$\boldsymbol{\mathsf{o}}$		`\mbfitsansomicron`	mathematical sans-serif bold italic small omicron
U+1D7B9	$\boldsymbol{\mathsf{\pi}}$	$\boldsymbol{\mathsf{\pi}}$	$\boldsymbol{\mathsf{\pi}}$	$\boldsymbol{\mathsf{\pi}}$	$\boldsymbol{\mathsf{\pi}}$	$\boldsymbol{\mathsf{\pi}}$		`\mbfitsanspi`	mathematical sans-serif bold italic small pi
U+1D7BA	$\boldsymbol{\mathsf{\rho}}$	$\boldsymbol{\mathsf{\rho}}$	$\boldsymbol{\mathsf{\rho}}$	$\boldsymbol{\mathsf{\rho}}$	$\boldsymbol{\mathsf{\rho}}$	$\boldsymbol{\mathsf{\rho}}$		`\mbfitsansrho`	mathematical sans-serif bold italic small rho
U+1D7BB	$\boldsymbol{\mathsf{\varsigma}}$	$\boldsymbol{\mathsf{\varsigma}}$	$\boldsymbol{\mathsf{\varsigma}}$	$\boldsymbol{\mathsf{\varsigma}}$	$\boldsymbol{\mathsf{\varsigma}}$	$\boldsymbol{\mathsf{\varsigma}}$		`\mbfitsansvarsigma`	mathematical sans-serif bold italic small final sigma
U+1D7BC	$\boldsymbol{\mathsf{\sigma}}$	$\boldsymbol{\mathsf{\sigma}}$	$\boldsymbol{\mathsf{\sigma}}$	$\boldsymbol{\mathsf{\sigma}}$	$\boldsymbol{\mathsf{\sigma}}$	$\boldsymbol{\mathsf{\sigma}}$		`\mbfitsanssigma`	mathematical sans-serif bold italic small sigma
U+1D7BD	$\boldsymbol{\mathsf{\tau}}$	$\boldsymbol{\mathsf{\tau}}$	$\boldsymbol{\mathsf{\tau}}$	$\boldsymbol{\mathsf{\tau}}$	$\boldsymbol{\mathsf{\tau}}$	$\boldsymbol{\mathsf{\tau}}$		`\mbfitsanstau`	mathematical sans-serif bold italic small tau
U+1D7BE	$\boldsymbol{\mathsf{\upsilon}}$	$\boldsymbol{\mathsf{\upsilon}}$	$\boldsymbol{\mathsf{\upsilon}}$	$\boldsymbol{\mathsf{\upsilon}}$	$\boldsymbol{\mathsf{\upsilon}}$	$\boldsymbol{\mathsf{\upsilon}}$		`\mbfitsansupsilon`	mathematical sans-serif bold italic small upsilon
U+1D7BF	$\boldsymbol{\mathsf{\varphi}}$	$\boldsymbol{\mathsf{\varphi}}$	$\boldsymbol{\mathsf{\varphi}}$	$\boldsymbol{\mathsf{\varphi}}$	$\boldsymbol{\mathsf{\varphi}}$	$\boldsymbol{\mathsf{\varphi}}$		`\mbfitsansvarphi`	mathematical sans-serif bold italic small phi
U+1D7C0	$\boldsymbol{\mathsf{\chi}}$	$\boldsymbol{\mathsf{\chi}}$	$\boldsymbol{\mathsf{\chi}}$	$\boldsymbol{\mathsf{\chi}}$	$\boldsymbol{\mathsf{\chi}}$	$\boldsymbol{\mathsf{\chi}}$		`\mbfitsanschi`	mathematical sans-serif bold italic small chi
U+1D7C1	$\boldsymbol{\mathsf{\psi}}$	$\boldsymbol{\mathsf{\psi}}$	$\boldsymbol{\mathsf{\psi}}$	$\boldsymbol{\mathsf{\psi}}$	$\boldsymbol{\mathsf{\psi}}$	$\boldsymbol{\mathsf{\psi}}$		`\mbfitsanspsi`	mathematical sans-serif bold italic small psi
U+1D7C2	$\boldsymbol{\mathsf{\omega}}$	$\boldsymbol{\mathsf{\omega}}$	$\boldsymbol{\mathsf{\omega}}$	$\boldsymbol{\mathsf{\omega}}$	$\boldsymbol{\mathsf{\omega}}$	$\boldsymbol{\mathsf{\omega}}$		`\mbfitsansomega`	mathematical sans-serif bold italic small omega
U+1D7C3	$\boldsymbol{\mathsf{\partial}}$	$\boldsymbol{\mathsf{\partial}}$	$\boldsymbol{\mathsf{\partial}}$	$\boldsymbol{\mathsf{\partial}}$	$\boldsymbol{\mathsf{\partial}}$			`\mbfitsanspartial`	mathematical sans-serif bold italic partial differential
U+1D7C4	$\boldsymbol{\mathsf{\epsilon}}$	$\boldsymbol{\mathsf{\epsilon}}$	$\boldsymbol{\mathsf{\epsilon}}$	$\boldsymbol{\mathsf{\epsilon}}$	$\boldsymbol{\mathsf{\epsilon}}$			`\mbfitsansepsilon`	mathematical sans-serif bold italic varepsilon symbol
U+1D7C5	$\boldsymbol{\mathsf{\vartheta}}$	$\boldsymbol{\mathsf{\vartheta}}$	$\boldsymbol{\mathsf{\vartheta}}$	$\boldsymbol{\mathsf{\vartheta}}$	$\boldsymbol{\mathsf{\vartheta}}$	$\boldsymbol{\mathsf{\vartheta}}$		`\mbfitsansvartheta`	mathematical sans-serif bold italic theta symbol
U+1D7C6	$\boldsymbol{\mathsf{\varkappa}}$	$\boldsymbol{\mathsf{\varkappa}}$	$\boldsymbol{\mathsf{\varkappa}}$	$\boldsymbol{\mathsf{\varkappa}}$	$\boldsymbol{\mathsf{\varkappa}}$			`\mbfitsansvarkappa`	mathematical sans-serif bold italic kappa symbol
U+1D7C7	$\boldsymbol{\mathsf{\phi}}$	$\boldsymbol{\mathsf{\phi}}$	$\boldsymbol{\mathsf{\phi}}$	$\boldsymbol{\mathsf{\phi}}$	$\boldsymbol{\mathsf{\phi}}$			`\mbfitsansphi`	mathematical sans-serif bold italic phi symbol
U+1D7C8	$\boldsymbol{\mathsf{\varrho}}$	$\boldsymbol{\mathsf{\varrho}}$	$\boldsymbol{\mathsf{\varrho}}$	$\boldsymbol{\mathsf{\varrho}}$	$\boldsymbol{\mathsf{\varrho}}$			`\mbfitsansvarrho`	mathematical sans-serif bold italic rho symbol
U+1D7C9	$\boldsymbol{\mathsf{\varpi}}$	$\boldsymbol{\mathsf{\varpi}}$	$\boldsymbol{\mathsf{\varpi}}$	$\boldsymbol{\mathsf{\varpi}}$	$\boldsymbol{\mathsf{\varpi}}$			`\mbfitsansvarpi`	mathematical sans-serif bold italic pi symbol

15.3 Miscellaneous

USV	M	S	E	X	P	L	G	Macro	Description
U+000F0	$\mathbb{\eth}$	$\mathbb{\eth}$	$\mathbb{\eth}$	$\mathbb{\eth}$	$\mathbb{\eth}$	$\mathbb{\eth}$	$\mathbb{\eth}$	`\matheth`	eth
U+02010	$\mathbb{-}$	$\mathbb{-}$	$\mathbb{-}$	$\mathbb{-}$	$\mathbb{-}$	$\mathbb{-}$	$\mathbb{-}$	`\mathhyphen`	hyphen
U+02102	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	$\mathbb{\mathbb{C}}$	`\BbbC`	/bbb c, open face c
U+0210A		$\mathbb{\mathscr{g}}$	$\mathbb{\mathscr{g}}$	$\mathbb{\mathscr{g}}$	$\mathbb{\mathscr{g}}$	$\mathbb{\mathscr{g}}$	$\mathbb{\mathscr{g}}$	`\mscrg`	/scr g, script letter g
U+0210B	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	$\mathbb{\mathscr{H}}$	`\mscrH`	hamiltonian (script capital h)
U+0210C	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	$\mathbb{\mathfrak{H}}$	`\mfrakH`	/frak h, upper case h

USV	M	S	E	X	P	L	G	Macro	Description
U+0210D	ℍ	ℍ	ℍ	ℍ	ℍ	ℍ	ℍ	`\BbbH`	/bbb h, open face h
U+0210F	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	ℏ	`\hslash`[a]	/hslash - variant planck's over 2pi
U+02110	ℐ	ℐ	ℐ	ℐ	ℐ	ℐ	ℐ	`\mscrI`	/scr i, script letter i
U+02111	ℑ	ℑ	ℑ	ℑ	ℑ	ℑ	ℑ	`\Im`[p]	imaginary part
U+02112	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	ℒ	`\mscrL`	lagrangian (script capital l)
U+02113	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	ℓ	`\ell`[p]	cursive small l
U+02115	ℕ	ℕ	ℕ	ℕ	ℕ	ℕ	ℕ	`\BbbN`	/bbb n, open face n
U+02118	℘	℘	℘	℘	℘	℘	℘	`\wp`[p]	weierstrass p
U+02119	ℙ	ℙ	ℙ	ℙ	ℙ	ℙ	ℙ	`\BbbP`	/bbb p, open face p
U+0211A	ℚ	ℚ	ℚ	ℚ	ℚ	ℚ	ℚ	`\BbbQ`	/bbb q, open face q
U+0211B	ℛ	ℛ	ℛ	ℛ	ℛ	ℛ	ℛ	`\mscrR`	/scr r, script letter r
U+0211C	ℜ	ℜ	ℜ	ℜ	ℜ	ℜ	ℜ	`\Re`[p]	real part
U+0211D	ℝ	ℝ	ℝ	ℝ	ℝ	ℝ	ℝ	`\BbbR`	/bbb r, open face r
U+02124	ℤ	ℤ	ℤ	ℤ	ℤ	ℤ	ℤ	`\BbbZ`	/bbb z, open face z
U+02128	ℨ	ℨ	ℨ	ℨ	ℨ	ℨ	ℨ	`\mfrakZ`	/frak z, upper case z
U+02129		℩						`\turnediota`	turned iota
U+0212B	Å	Å	Å	Å	Å		Å	`\Angstrom`	angstrom capital a, ring
U+0212C	ℬ	ℬ	ℬ	ℬ	ℬ	ℬ	ℬ	`\mscrB`	bernoulli function (script capital b)
U+0212D	ℭ	ℭ	ℭ	ℭ	ℭ	ℭ	ℭ	`\mfrakC`	black-letter capital c
U+0212F		ℯ	ℯ	ℯ	ℯ	ℯ	ℯ	`\mscre`	/scr e, script letter e
U+02130	ℰ	ℰ	ℰ	ℰ	ℰ	ℰ	ℰ	`\mscrE`	/scr e, script letter e
U+02131	ℱ	ℱ	ℱ	ℱ	ℱ	ℱ	ℱ	`\mscrF`	/scr f, script letter f
U+02133	ℳ	ℳ	ℳ	ℳ	ℳ	ℳ	ℳ	`\mscrM`	physics m-matrix (script capital m)
U+02134		ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	`\mscro`	order of (script small o)
U+02135	ℵ	ℵ	ℵ	ℵ	ℵ	ℵ	ℵ	`\aleph`[p]	aleph, hebrew
U+02136	ℶ	ℶ	ℶ	ℶ	ℶ	ℶ	ℶ	`\beth`[a]	beth, hebrew
U+02137	ℷ	ℷ	ℷ	ℷ	ℷ	ℷ	ℷ	`\gimel`[a]	gimel, hebrew
U+02138	ℸ	ℸ	ℸ	ℸ	ℸ	ℸ	ℸ	`\daleth`[a]	daleth, hebrew
U+0213D	ℽ	ℽ	ℽ		ℾ		ℾ	`\Bbbgamma`	double-struck small gamma
U+0213E	ℾ	ℾ	ℾ		ℾ		ℾ	`\BbbGamma`	double-struck capital gamma
U+0213F	ℿ	ℿ	ℿ		ℿ		ℿ	`\BbbPi`	double-struck capital pi
U+02202	∂	∂	∂	∂	∂	∂	∂	`\partial`[p]	partial differential
U+02207	∇	∇	∇	∇	∇	∇	∇	`\nabla`[p]	nabla, del, hamilton operator

USV	M	S	E	X	P	L	G	Macro	Description
U+1D6A4	$\imath$	$\imath$	$\imath$	$\imath$	$\imath$	$\imath$	$\imath$	`\imath`(p)	mathematical italic small dotless i
U+1D6A5	$\jmath$	$\jmath$	$\jmath$	$\jmath$	$\jmath$	$\jmath$	$\jmath$	`\jmath`(p)	mathematical italic small dotless j
U+1D6C1	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	`\mbfnabla`	mathematical bold nabla
U+1D6FB	$\mathit{\nabla}$	$\mathit{\nabla}$	$\mathit{\nabla}$	$\mathit{\nabla}$	$\mathit{\nabla}$	$\mathit{\nabla}$	$\mathit{\nabla}$	`\mitnabla`	mathematical italic nabla
U+1D735	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	`\mbfitnabla`	mathematical bold italic nabla
U+1D76F	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	$\boldsymbol{\nabla}$	`\mbfsansnabla`	mathematical sans-serif bold nabla
U+1D7A9	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$	$\boldsymbol{\mathit{\nabla}}$		`\mbfitsansnabla`	mathematical sans-serif bold italic nabla
U+1D7CA		$\boldsymbol{\mathrm{F}}$				$\boldsymbol{\mathrm{F}}$		`\mbfDigamma`	mathematical bold capital digamma
U+1D7CB		$\boldsymbol{\mathrm{f}}$				$\boldsymbol{\mathrm{f}}$		`\mbfdigamma`	mathematical bold small digamma