

Math symbols defined by LaTeX package «MnSymbol»

No.	Text	Math	Macro	Category	Requirements	Comments
00021	!	!	!	mathpunct		EXCLAMATION MARK
00023	#	#	\#	mathord		NUMBER SIGN
00024	\$	\$	\\$	mathord		= \mathdollar, DOLLAR SIGN
00025	%	%	\%	mathord		PERCENT SIGN
00026	&	&	\&	mathord		# \binampersand (stmaryrd)
00028	(	(	(	mathopen		LEFT PARENTHESIS
00029	)	)	)	mathclose		RIGHT PARENTHESIS
0002A	*	*	*	mathord		# \ast, (high) ASTERISK, star
0002B	+	+	+	mathbin		PLUS SIGN
0002C	,	,	,	mathpunct		COMMA
0002E	.	.	.	mathalpha		FULL STOP, period
0002F	/	/	/	mathord		# \slash, SOLIDUS
00030	0	0	0	mathord		DIGIT ZERO
00031	1	1	1	mathord		DIGIT ONE
00032	2	2	2	mathord		DIGIT TWO
00033	3	3	3	mathord		DIGIT THREE
00034	4	4	4	mathord		DIGIT FOUR
00035	5	5	5	mathord		DIGIT FIVE
00036	6	6	6	mathord		DIGIT SIX
00037	7	7	7	mathord		DIGIT SEVEN
00038	8	8	8	mathord		DIGIT EIGHT
00039	9	9	9	mathord		DIGIT NINE
0003A	:	:	\colon	mathpunct		x :, COLON (not ratio)
0003B	;	;	;	mathpunct		SEMICOLON p:
0003C	<	<	<	mathrel		LESS-THAN SIGN r:
0003D	=	=	=	mathrel		EQUALS SIGN r:
0003E	>	>	>	mathrel		GREATER-THAN SIGN r:
0003F	?	?	?	mathord		QUESTION MARK
00040	@	@	@	mathord		at
00041	A	<i>A</i>	A	mathalpha	-literal	= \mathrm{A}, LATIN CAPITAL LETTER A
00042	B	<i>B</i>	B	mathalpha	-literal	= \mathrm{B}, LATIN CAPITAL LETTER B
00043	C	<i>C</i>	C	mathalpha	-literal	= \mathrm{C}, LATIN CAPITAL LETTER C
00044	D	<i>D</i>	D	mathalpha	-literal	= \mathrm{D}, LATIN CAPITAL LETTER D
00045	E	<i>E</i>	E	mathalpha	-literal	= \mathrm{E}, LATIN CAPITAL LETTER E
00046	F	<i>F</i>	F	mathalpha	-literal	= \mathrm{F}, LATIN CAPITAL LETTER F
00047	G	<i>G</i>	G	mathalpha	-literal	= \mathrm{G}, LATIN CAPITAL LETTER G

No.	Text	Math	Macro	Category	Requirements	Comments
00048	H	<i>H</i>	H	mathalpha	-literal	= H , LATIN CAPITAL LETTER H
00049	I	<i>I</i>	I	mathalpha	-literal	= I , LATIN CAPITAL LETTER I
0004A	J	<i>J</i>	J	mathalpha	-literal	= J , LATIN CAPITAL LETTER J
0004B	K	<i>K</i>	K	mathalpha	-literal	= K , LATIN CAPITAL LETTER K
0004C	L	<i>L</i>	L	mathalpha	-literal	= L , LATIN CAPITAL LETTER L
0004D	M	<i>M</i>	M	mathalpha	-literal	= M , LATIN CAPITAL LETTER M
0004E	N	<i>N</i>	N	mathalpha	-literal	= N , LATIN CAPITAL LETTER N
0004F	O	<i>O</i>	O	mathalpha	-literal	= O , LATIN CAPITAL LETTER O
00050	P	<i>P</i>	P	mathalpha	-literal	= P , LATIN CAPITAL LETTER P
00051	Q	<i>Q</i>	Q	mathalpha	-literal	= Q , LATIN CAPITAL LETTER Q
00052	R	<i>R</i>	R	mathalpha	-literal	= R , LATIN CAPITAL LETTER R
00053	S	<i>S</i>	S	mathalpha	-literal	= S , LATIN CAPITAL LETTER S
00054	T	<i>T</i>	T	mathalpha	-literal	= T , LATIN CAPITAL LETTER T
00055	U	<i>U</i>	U	mathalpha	-literal	= U , LATIN CAPITAL LETTER U
00056	V	<i>V</i>	V	mathalpha	-literal	= V , LATIN CAPITAL LETTER V
00057	W	<i>W</i>	W	mathalpha	-literal	= W , LATIN CAPITAL LETTER W
00058	X	<i>X</i>	X	mathalpha	-literal	= X , LATIN CAPITAL LETTER X
00059	Y	<i>Y</i>	Y	mathalpha	-literal	= Y , LATIN CAPITAL LETTER Y
0005A	Z	<i>Z</i>	Z	mathalpha	-literal	= Z , LATIN CAPITAL LETTER Z
0005B	[	[	<code>\lbrack</code>	mathopen		LEFT SQUARE BRACKET
0005C	\	\	<code>\backslash</code>	mathord		REVERSE SOLIDUS
0005D	]	]	<code>\rbrack</code>	mathclose		RIGHT SQUARE BRACKET
0005F	_	_	<code>_</code>	mathord		LOW LINE, TeX subscript operator
00061	a	<i>a</i>	a	mathalpha	-literal	= a , LATIN SMALL LETTER A
00062	b	<i>b</i>	b	mathalpha	-literal	= b , LATIN SMALL LETTER B
00063	c	<i>c</i>	c	mathalpha	-literal	= c , LATIN SMALL LETTER C
00064	d	<i>d</i>	d	mathalpha	-literal	= d , LATIN SMALL LETTER D
00065	e	<i>e</i>	e	mathalpha	-literal	= e , LATIN SMALL LETTER E
00066	f	<i>f</i>	f	mathalpha	-literal	= f , LATIN SMALL LETTER F
00067	g	<i>g</i>	g	mathalpha	-literal	= g , LATIN SMALL LETTER G
00068	h	<i>h</i>	h	mathalpha	-literal	= h , LATIN SMALL LETTER H
00069	i	<i>i</i>	i	mathalpha	-literal	= i , LATIN SMALL LETTER I
0006A	j	<i>j</i>	j	mathalpha	-literal	= j , LATIN SMALL LETTER J
0006B	k	<i>k</i>	k	mathalpha	-literal	= k , LATIN SMALL LETTER K
0006C	l	<i>l</i>	l	mathalpha	-literal	= l , LATIN SMALL LETTER L
0006D	m	<i>m</i>	m	mathalpha	-literal	= m , LATIN SMALL LETTER M
0006E	n	<i>n</i>	n	mathalpha	-literal	= n , LATIN SMALL LETTER N
0006F	o	<i>o</i>	o	mathalpha	-literal	= o , LATIN SMALL LETTER O

No.	Text	Math	Macro	Category	Requirements	Comments
00070	p	p	<code>p</code>	mathalpha	-literal	= <code>\mathrm{p}</code> , LATIN SMALL LETTER P
00071	q	q	<code>q</code>	mathalpha	-literal	= <code>\mathrm{q}</code> , LATIN SMALL LETTER Q
00072	r	r	<code>r</code>	mathalpha	-literal	= <code>\mathrm{r}</code> , LATIN SMALL LETTER R
00073	s	s	<code>s</code>	mathalpha	-literal	= <code>\mathrm{s}</code> , LATIN SMALL LETTER S
00074	t	t	<code>t</code>	mathalpha	-literal	= <code>\mathrm{t}</code> , LATIN SMALL LETTER T
00075	u	u	<code>u</code>	mathalpha	-literal	= <code>\mathrm{u}</code> , LATIN SMALL LETTER U
00076	v	v	<code>v</code>	mathalpha	-literal	= <code>\mathrm{v}</code> , LATIN SMALL LETTER V
00077	w	w	<code>w</code>	mathalpha	-literal	= <code>\mathrm{w}</code> , LATIN SMALL LETTER W
00078	x	x	<code>x</code>	mathalpha	-literal	= <code>\mathrm{x}</code> , LATIN SMALL LETTER X
00079	y	y	<code>y</code>	mathalpha	-literal	= <code>\mathrm{y}</code> , LATIN SMALL LETTER Y
0007A	z	z	<code>z</code>	mathalpha	-literal	= <code>\mathrm{z}</code> , LATIN SMALL LETTER Z
0007B	{	{	<code>\{</code>	mathopen		= <code>\lbrace</code> , LEFT CURLY BRACKET
0007C	|	|	<code>|</code>	mathfence		= <code>\vert</code> , vertical bar
0007D	}	}	<code>\}</code>	mathclose		= <code>\rbrace</code> , RIGHT CURLY BRACKET
0007E	~	(~)	<code>\sptilde</code>	mathord	amsxtra	# <code>\sim</code> , TILDE
000A0			~			nbsp
000A3	£	£	<code>\pounds</code>	mathord	-fourier -omlmathit	= <code>\mathsterling</code> (txfonts), POUND SIGN, fourier prints a dollar sign
000A5	¥	¥	<code>\yen</code>	mathord	amsfonts	YEN SIGN
000AC	¬	¬	<code>\neg</code>	mathord		= <code>\not</code> , NOT SIGN
000AE	®	®	<code>\circledR</code>	mathord	amsfonts	REGISTERED SIGN
000B1	±	±	<code>\pm</code>	mathbin		plus-or-minus sign
000B7	·	(·)		mathbin		# <code>\cdot</code> , x <code>\centerdot</code> , b: MIDDLE DOT
000D7	×	×	<code>\times</code>	mathbin		MULTIPLICATION SIGN, z notation Cartesian product
000F7	÷	÷	<code>\div</code>	mathbin		divide sign
00131	ı	ı	<code>\imath</code>	mathalpha	-literal	<code>imath</code>
00237	Ƶ	Ƶ	<code>\jmath</code>	mathalpha	-literal	<code>jmath</code>
00300	˘	˘	<code>\grave</code>	mathaccent		grave accent
00301	˙	˙	<code>\acute</code>	mathaccent		acute accent
00302	ˆ	ˆ	<code>\hat</code>	mathaccent		# <code>\widehat</code> (amssymb), circumflex accent
00303	˜	˜	<code>\tilde</code>	mathaccent		# <code>\widetilde</code> (yhmath, fourier), tilde
00304	¯	¯	<code>\bar</code>	mathaccent		macron
00305	̄	̄	<code>\overline</code>	mathaccent		overbar embellishment
00306	˘	˘	<code>\breve</code>	mathaccent		breve
00307	˙	˙	<code>\dot</code>	mathaccent	-oz	= <code>\Dot</code> (wrisym), dot above
00308	¨	¨	<code>\ddot</code>	mathaccent		= <code>\DDot</code> (wrisym), dieresis
0030A	ˆ	ˆ	<code>\mathring</code>	mathaccent	amssymb	= <code>\ring</code> (yhmath), ring
0030C	ˇ	ˇ	<code>\check</code>	mathaccent		caron
00331	̄	̄	<code>\underbar</code>	mathaccent		COMBINING MACRON BELOW

No.	Text	Math	Macro	Category	Requirements	Comments
00332	\underline{x}	\underline{x}	<code>\underline</code>	mathaccent		COMBINING LOW LINE
00338	\cancel{x}	\cancel{x}	<code>\not</code>	mathaccent		COMBINING LONG SOLIDUS OVERLAY
00393	Γ	Γ	<code>\Gamma</code>	mathalpha	-literal	= <code>\Gamma</code> (-slantedGreek), = <code>\mathrm{\Gamma}</code> , capital gamma, greek
00394	Δ	Δ	<code>\Delta</code>	mathalpha	-literal	= <code>\Delta</code> (-slantedGreek), = <code>\mathrm{\Delta}</code> , capital delta, greek
00398	Θ	Θ	<code>\Theta</code>	mathalpha	-literal	= <code>\Theta</code> (-slantedGreek), = <code>\mathrm{\Theta}</code> , capital theta, greek
0039B	Λ	Λ	<code>\Lambda</code>	mathalpha	-literal	= <code>\Lambda</code> (-slantedGreek), = <code>\mathrm{\Lambda}</code> , capital lambda, greek
0039E	Ξ	Ξ	<code>\Xi</code>	mathalpha	-literal	= <code>\Xi</code> (-slantedGreek), = <code>\mathrm{\Xi}</code> , capital xi, greek
003A0	Π	Π	<code>\Pi</code>	mathalpha	-literal	= <code>\Pi</code> (-slantedGreek), = <code>\mathrm{\Pi}</code> , capital pi, greek
003A3	Σ	Σ	<code>\Sigma</code>	mathalpha	-literal	= <code>\Sigma</code> (-slantedGreek), = <code>\mathrm{\Sigma}</code> , capital sigma, greek
003A5	Υ	Υ	<code>\Upsilon</code>	mathalpha	-literal	= <code>\Upsilon</code> (-slantedGreek), = <code>\mathrm{\Upsilon}</code> , capital upsilon, greek
003A6	Φ	Φ	<code>\Phi</code>	mathalpha	-literal	= <code>\Phi</code> (-slantedGreek), = <code>\mathrm{\Phi}</code> , capital phi, greek
003A8	Ψ	Ψ	<code>\Psi</code>	mathalpha	-literal	= <code>\Psi</code> (-slantedGreek), = <code>\mathrm{\Psi}</code> , capital psi, greek
003A9	Ω	Ω	<code>\Omega</code>	mathalpha	-literal	= <code>\Omega</code> (-slantedGreek), = <code>\mathrm{\Omega}</code> , capital omega, greek
003B1	α	α	<code>\alpha</code>	mathalpha	-literal	= <code>\mathrm{\alpha}</code> (omlmathrm), = <code>\alphaup</code> (kpfonts mathdesign), = <code>\upalpha</code> (upgreek), alpha, greek
003B2	β	β	<code>\beta</code>	mathalpha	-literal	= <code>\mathrm{\beta}</code> (omlmathrm), = <code>\betaup</code> (kpfonts mathdesign), = <code>\upbeta</code> (upgreek), beta, greek
003B3	γ	γ	<code>\gamma</code>	mathalpha	-literal	= <code>\mathrm{\gamma}</code> (omlmathrm), = <code>\gammaup</code> (kpfonts mathdesign), = <code>\upgamma</code> (upgreek), gamma, greek
003B4	δ	δ	<code>\delta</code>	mathalpha	-literal	= <code>\mathrm{\delta}</code> (omlmathrm), = <code>\deltaup</code> (kpfonts mathdesign), = <code>\updelta</code> (upgreek), delta, greek
003B5	ε	ε	<code>\varepsilon</code>	mathalpha	-literal	= <code>\mathrm{\varepsilon}</code> (omlmathrm), = <code>\varepsilonup</code> (kpfonts mathdesign), = <code>\upepsilon</code> (upgreek), rounded epsilon, greek
003B6	ζ	ζ	<code>\zeta</code>	mathalpha	-literal	= <code>\mathrm{\zeta}</code> (omlmathrm), = <code>\zetaup</code> (kpfonts mathdesign), = <code>\upzeta</code> (upgreek), zeta, greek
003B7	η	η	<code>\eta</code>	mathalpha	-literal	= <code>\mathrm{\eta}</code> (omlmathrm), = <code>\etaup</code> (kpfonts mathdesign), = <code>\upeta</code> (upgreek), eta, greek
003B8	θ	θ	<code>\theta</code>	mathalpha	-literal	= <code>\mathrm{\theta}</code> (omlmathrm), = <code>\thetaup</code> (kpfonts mathdesign), straight theta, = <code>\uptheta</code> (upgreek), theta, greek
003B9	ι	ι	<code>\iota</code>	mathalpha	-literal	= <code>\mathrm{\iota}</code> (omlmathrm), = <code>\iotaup</code> (kpfonts mathdesign), = <code>\upiota</code> (upgreek), iota, greek
003BA	κ	κ	<code>\kappa</code>	mathalpha	-literal	= <code>\mathrm{\kappa}</code> (omlmathrm), = <code>\kappaup</code> (kpfonts mathdesign), = <code>\upkappa</code> (upgreek), kappa, greek
003BB	λ	λ	<code>\lambda</code>	mathalpha	-literal	= <code>\mathrm{\lambda}</code> (omlmathrm), = <code>\lambdaup</code> (kpfonts mathdesign), = <code>\uplambda</code> (upgreek), lambda, greek
003BC	μ	μ	<code>\mu</code>	mathalpha	-literal	= <code>\mathrm{\mu}</code> (omlmathrm), = <code>\muup</code> (kpfonts mathdesign), = <code>\upmu</code> (upgreek), mu, greek
003BD	ν	ν	<code>\nu</code>	mathalpha	-literal	= <code>\mathrm{\nu}</code> (omlmathrm), = <code>\nuup</code> (kpfonts mathdesign), = <code>\upnu</code> (upgreek), nu, greek

No.	Text	Math	Macro	Category	Requirements	Comments
003BE	ξ	ξ	\xi	mathalpha	-literal	= \mathrm{\xi} (omlmathrm), = \xiup (kpfonts mathdesign), = \upxi (upgreek), xi, greek
003C0	π	π	\pi	mathalpha	-literal	= \mathrm{\pi} (omlmathrm), = \piup (kpfonts mathdesign), = \uppi (upgreek), pi, greek
003C1	ρ	ρ	\rho	mathalpha	-literal	= \mathrm{\rho} (omlmathrm), = \rhooup (kpfonts mathdesign), = \uprho (upgreek), rho, greek
003C2	ς	ς	\varsigma	mathalpha	-literal	= \mathrm{\varsigma} (omlmathrm), = \varsigmaup (kpfonts mathdesign), = \upvarsigma (upgreek), terminal sigma, greek
003C3	σ	σ	\sigma	mathalpha	-literal	= \mathrm{\sigma} (omlmathrm), = \sigmaup (kpfonts mathdesign), = \upsigma (upgreek), sigma, greek
003C4	τ	τ	\tau	mathalpha	-literal	= \mathrm{\tau} (omlmathrm), = \tauup (kpfonts mathdesign), = \uptau (upgreek), tau, greek
003C5	υ	υ	\upsilon	mathalpha	-literal	= \mathrm{\upsilon} (omlmathrm), = \upsilonup (kpfonts mathdesign), = \upupsilon (upgreek), upsilon, greek
003C6	φ	φ	\varphi	mathalpha	-literal	= \mathrm{\varphi} (omlmathrm), = \varphiup (kpfonts mathdesign), = \upvarphi (upgreek), curly or open phi, greek
003C7	χ	χ	\chi	mathalpha	-literal	= \mathrm{\chi} (omlmathrm), = \chiup (kpfonts mathdesign), = \upchi (upgreek), chi, greek
003C8	ψ	ψ	\psi	mathalpha	-literal	= \mathrm{\psi} (omlmathrm), = \psiup (kpfonts mathdesign), = \uppsi (upgreek), psi, greek
003C9	ω	ω	\omega	mathalpha	-literal	= \mathrm{\omega} (omlmathrm), = \omegaup (kpfonts mathdesign), = \upomega (upgreek), omega, greek
003D1	ϑ	ϑ	\vartheta	mathalpha	-literal	= \mathrm{\vartheta} (omlmathrm), = \varthetaup (kpfonts mathdesign), curly or open theta
003D2	Υ	(Υ)		mathalpha		# \mathrm{\Upsilon}, GREEK UPSILON WITH HOOK SYMBOL
003D5	φ	φ	\phi	mathalpha	-literal	= \mathrm{\phi} (omlmathrm), = \phiup (kpfonts mathdesign), GREEK PHI SYMBOL (straight)
003D6	ϖ	ϖ	\varpi	mathalpha	-literal	= \mathrm{\varpi} (omlmathrm), = \varpiup (kpfonts mathdesign), GREEK PI SYMBOL (pomega)
02001	▯		\quad			emquad
0200B		()				# \hspace{0pt}, zwsp
02016	||	||	\V	mathfence		= \Vert, double vertical bar
02020	†	†	\dagger	mathbin		DAGGER relation
02021	‡	‡	\ddagger	mathbin		DOUBLE DAGGER relation
02022	•	(•)		mathbin		# \bullet, b: round BULLET, filled
02026	...	...	\ldots	mathord		ellipsis (horizontal)
02032	'	'	\prime	mathord		PRIME or minute, not superscripted
02035	`	`	\backprime	mathord	amssymb	reverse prime, not superscripted
0203C	!!	(!!)		mathord		# !!, DOUBLE EXCLAMATION MARK
02044	/	(/)		mathbin		# /, FRACTION SLASH

No.	Text	Math	Macro	Category	Requirements	Comments
02047	??	(??)		mathord		# ??, DOUBLE QUESTION MARK
0204E	*	(*)		mathbin		# \ast, lowast, LOW ASTERISK
02052	/.	(./.)		mathord		# ./., COMMERCIAL MINUS SIGN
0205F			\:			= \medspace (amsmath), MEDIUM MATHEMATICAL SPACE, four-eighteenths of an em
020D6	\overleftarrow{x}	(\overleftarrow{x})	\LVec	mathaccent	wrisym	# \overleftarrow, COMBINING LEFT ARROW ABOVE
020D7	\overrightarrow{x}	(\overrightarrow{x})	\vec	mathaccent	-wrisym	= \Vec (wrisym), # \overrightarrow, COMBINING RIGHT ARROW ABOVE
0210B	\mathcal{H}	\mathcal{H}	\mathcal{H}	mathalpha		hamiltonian (script capital H)
0210C	\mathfrak{H}	\mathfrak{H}	\mathfrak{H}	mathalpha	eufrak	/frak H, black-letter capital H
0210E	h	(h)		mathord		# h, Planck constant
0210F	\hbar	(\hbar)	\hslash	mathalpha	amssymb fourier arevmath	=\HBar (wrisym), Planck's h over 2pi
02110	\mathcal{I}	\mathcal{I}	\mathcal{I}	mathalpha		/scr I, script capital I
02111	\Im	\Im	\Im	mathalpha		= \mathfrak{I} (eufrak), imaginary part
02112	\mathcal{L}	\mathcal{L}	\mathcal{L}	mathalpha		lagrangian (script capital L)
02113	ℓ	(ℓ)	\ell	mathalpha		cursive small l
02118	\wp	(\wp)	\wp	mathalpha	amssymb	weierstrass p
0211B	\mathcal{R}	\mathcal{R}	\mathcal{R}	mathalpha		/scr R, script capital R
0211C	\Re	(\Re)	\Re	mathalpha		= \mathfrak{R} (eufrak), real part
02126	Ω	(Ω)	\tcohm	mathalpha	mathcomp	# \mathrm{\Omega}, ohm (deprecated in math, use greek letter)
02128	\mathfrak{Z}	(\mathfrak{Z})	\mathfrak{Z}	mathalpha	eufrak	/frak Z, black-letter capital Z
0212B	\AA	(\AA)	\Angstroem	mathalpha	wrisym	# \mathring{\mathrm{A}}, Ångström capital A with ring
0212C	\mathcal{B}	\mathcal{B}	\mathcal{B}	mathalpha		bernoulli function (script capital B)
0212D	\mathfrak{C}	(\mathfrak{C})	\mathfrak{C}	mathalpha	eufrak	black-letter capital C
02130	\mathcal{E}	\mathcal{E}	\mathcal{E}	mathalpha		/scr E, script capital E
02131	\mathcal{F}	\mathcal{F}	\mathcal{F}	mathalpha		/scr F, script capital F
02133	\mathcal{M}	\mathcal{M}	\mathcal{M}	mathalpha		physics m-matrix (SCRIPT CAPITAL M)
02135	\aleph	(\aleph)	\aleph	mathalpha		aleph, hebrew
02136	\beth	(\beth)	\beth	mathalpha	amssymb wrisym	beth, hebrew
02137	\gimel	(\gimel)	\gimel	mathalpha	amssymb wrisym	gimel, hebrew
02138	\daleth	(\daleth)	\daleth	mathalpha	amssymb wrisym	daleth, hebrew
02190	\leftarrow	(\leftarrow)	\leftarrow	mathrel		= \gets, a: leftward arrow
02191	\uparrow	(\uparrow)	\uparrow	mathrel		upward arrow
02192	\rightarrow	(\rightarrow)	\rightarrow	mathrel		= \to, = \fun (oz), = \fun (oz), rightward arrow, z notation total function
02193	\downarrow	(\downarrow)	\downarrow	mathrel		downward arrow
02194	\leftrightarrow	(\leftrightarrow)	\leftrightarrow	mathrel	-wrisym	= \rel (oz), LEFT RIGHT ARROW, z notation relation
02195	\updownarrow	(\updownarrow)	\updownarrow	mathrel		up and down arrow
02196	\nwarrow	(\nwarrow)	\nwarrow	mathrel	amssymb	nw pointing arrow

No.	Text	Math	Macro	Category	Requirements	Comments
02197		\nearrow	<code>\nearrow</code>	mathrel		ne pointing arrow
02198		\searrow	<code>\searrow</code>	mathrel		se pointing arrow
02199		\swarrow	<code>\swarrow</code>	mathrel		sw pointing arrow
0219A		\nleftarrow	<code>\nleftarrow</code>	mathrel	amssymb	not left arrow
0219B		\nrightarrow	<code>\nrightarrow</code>	mathrel	amssymb	not right arrow
0219E		\leftrightarrow	<code>\twoheadleftarrow</code>	mathrel	amssymb	left two-headed arrow
021A0		\rightrightarrows	<code>\twoheadrightarrow</code>	mathrel	amssymb	= <code>\tsur</code> (oz), = <code>\surj</code> (oz), right two-headed arrow, z notation total surjection
021A2		\leftarrowtail	<code>\leftarrowtail</code>	mathrel	amssymb	left arrow-tailed
021A3		\rightarrowtail	<code>\rightarrowtail</code>	mathrel	amssymb	= <code>\tinj</code> (oz), = <code>\inj</code> (oz), right arrow-tailed, z notation total injection
021A6		\mapsto	<code>\mapsto</code>	mathrel		maps to, rightward, z notation maplet
021A9		\hookrightarrow	<code>\hookleftarrow</code>	mathrel		left arrow-hooked
021AA		\hookleftarrow	<code>\hookrightarrow</code>	mathrel		right arrow-hooked
021AB		\looparrowleft	<code>\looparrowleft</code>	mathrel	amssymb	left arrow-looped
021AC		\looparrowright	<code>\looparrowright</code>	mathrel	amssymb	right arrow-looped
021AD		\leftrightsquigarrow	<code>\leftrightsquigarrow</code>	mathrel	amssymb	left and right arr-wavy
021AE		\nleftrightarrow	<code>\nleftrightarrow</code>	mathrel	amssymb	not left and right arrow
021B0		\Uparrow	<code>\Lsh</code>	mathrel	amssymb	a: UPWARDS ARROW WITH TIP LEFTWARDS
021B1		\Rrightarrow	<code>\Rsh</code>	mathrel	amssymb	a: UPWARDS ARROW WITH TIP RIGHTWARDS
021B6		\curvearrowleft	<code>\curvearrowleft</code>	mathrel	amssymb fourier	left curved arrow
021B7		\curvearrowright	<code>\curvearrowright</code>	mathrel	amssymb fourier	right curved arrow
021BA		\circlearrowleft	<code>\circlearrowleft</code>	mathord	amssymb	= <code>\leftturn</code> (wasysym), ANTICLOCKWISE OPEN CIRCLE ARROW
021BB		\circlearrowright	<code>\circlearrowright</code>	mathord	amssymb	= <code>\rightturn</code> (wasysym), CLOCKWISE OPEN CIRCLE ARROW
021BC		\harpoonup	<code>\lefttharpoonup</code>	mathrel		left harpoon-up
021BD		\harpoonleft	<code>\lefttharpoondown</code>	mathrel		left harpoon-down
021BE		\restriction	<code>\upharpoonright</code>	mathrel	amssymb	= <code>\restriction</code> (amssymb), = <code>\upharpoonrightup</code> (wrisym), a: up harpoon-right
021BF		\upharpoonleft	<code>\upharpoonleft</code>	mathrel	amssymb	= <code>\upharpoonleftup</code> (wrisym), up harpoon-left
021C0		\harpoonright	<code>\rightharpoonup</code>	mathrel		right harpoon-up
021C1		\harpoonleft	<code>\rightharpoondown</code>	mathrel		right harpoon-down
021C2		\harpoonright	<code>\downharpoonright</code>	mathrel	amssymb	= <code>\upharpoonrightdown</code> (wrisym), down harpoon-right
021C3		\harpoonleft	<code>\downharpoonleft</code>	mathrel	amssymb	= <code>\upharpoonleftdown</code> (wrisym), down harpoon-left
021C4		$\overrightarrow{\leftarrow}$	<code>\rightleftarrows</code>	mathrel	amssymb	= <code>\rightleftarrow</code> (wrisym), right arrow over left arrow
021C6		$\overleftarrow{\rightarrow}$	<code>\leftrightharrows</code>	mathrel	amssymb	= <code>\leftrightharpoonright</code> (wrisym), left arrow over right arrow
021C7		\leftleftarrows	<code>\leftleftarrows</code>	mathrel	amssymb fourier	two left arrows
021C8		\upuparrows	<code>\upuparrows</code>	mathrel	amssymb	two up arrows
021C9		\rightrightarrows	<code>\rightrightarrows</code>	mathrel	amssymb fourier	two right arrows
021CA		\downdownarrows	<code>\downdownarrows</code>	mathrel	amssymb	two down arrows
021CB		\rightleftharpoons	<code>\leftrightharpoons</code>	mathrel	amssymb	= <code>\revequilibrium</code> (wrisym), left harpoon over right
021CC		\leftleftharpoons	<code>\rightleftharpoons</code>	mathrel		= <code>\equilibrium</code> (wrisym), right harpoon over left

No.	Text	Math	Macro	Category	Requirements	Comments
021CD	\nLeftarrow	\nLeftarrow	<code>\nLeftarrow</code>	mathrel	amssymb	not implied by
021CE	\nleftrightarrow	\nleftrightarrow	<code>\nleftrightarrow</code>	mathrel	amssymb	not left and right double arrows
021CF	\nrightarrow	\nrightarrow	<code>\nrightarrow</code>	mathrel	amssymb	not implies
021D0	\Leftarrow	\Leftarrow	<code>\Leftarrow</code>	mathrel		left double arrow
021D1	\Uparrow	\Uparrow	<code>\Uparrow</code>	mathrel		up double arrow
021D2	\Rightarrow	\Rightarrow	<code>\Rightarrow</code>	mathrel	-marvosym	right double arrow
021D3	\Downarrow	\Downarrow	<code>\Downarrow</code>	mathrel		down double arrow
021D4	\Leftrightarrow	\Leftrightarrow	<code>\Leftrightarrow</code>	mathrel		left and right double arrow
021D5	\Updownarrow	\Updownarrow	<code>\Updownarrow</code>	mathrel		up and down double arrow
021DA	\Lleftarrow	\Lleftarrow	<code>\Lleftarrow</code>	mathrel	amssymb	left triple arrow
021DB	\Rrightarrow	\Rrightarrow	<code>\Rrightarrow</code>	mathrel	amssymb	right triple arrow
021DD	\rightsquigarrow	\rightsquigarrow	<code>\rightsquigarrow</code>	mathrel	amssymb	RIGHTWARDS SQUIGGLE ARROW
021E0	\dashleftarrow	\dashleftarrow	<code>\dashleftarrow</code>	mathord	amsfonts	LEFTWARDS DASHED ARROW
021E2	\dashrightarrow	\dashrightarrow	<code>\dashrightarrow</code>	mathord	amsfonts	= <code>\dasharrow</code> (amsfonts), RIGHTWARDS DASHED ARROW
02200	\forall	\forall	<code>\forall</code>	mathord		FOR ALL
02201	\complement	\complement	<code>\complement</code>	mathord	amssymb fourier	COMPLEMENT sign
02202	∂	(∂)	<code>\partial</code>	mathord	kpfonts	# <code>\partial</code> , PARTIAL DIFFERENTIAL
02203	\exists	\exists	<code>\exists</code>	mathord		= <code>\exists</code> (oz), at least one exists
02204	\nexists	\nexists	<code>\nexists</code>	mathord	amssymb fourier	= <code>\nexists</code> (oz), negated exists
02205	\emptyset	\emptyset	<code>\varnothing</code>	mathord	amssymb	circle, slash
02206	Δ	(Δ)		mathord		# <code>\mathrm{\Delta}</code> , laplacian (Delta; nabla square)
02207	∇	∇	<code>\nabla</code>	mathord		NABLA, del, hamilton operator
02208	\in	\in	<code>\in</code>	mathrel		set membership, variant
02209	\notin	\notin	<code>\notin</code>	mathrel		= <code>\nin</code> (wrisym), negated set membership
0220B	\ni	\ni	<code>\ni</code>	mathrel		= <code>\owns</code> , contains, variant
0220E	\blacksquare	(\blacksquare)		mathord		# <code>\blacksquare</code> (amssymb), END OF PROOF
0220F	\prod	\prod	<code>\prod</code>	mathop		product operator
02210	\coprod	\coprod	<code>\coprod</code>	mathop		coproduct operator
02211	\sum	\sum	<code>\sum</code>	mathop		summation operator
02212	$-$	$-$	<code>-</code>	mathbin		MINUS SIGN
02213	\mp	\mp	<code>\mp</code>	mathbin		MINUS-OR-PLUS SIGN
02214	$\dot{+}$	$\dot{+}$	<code>\dotplus</code>	mathbin	amssymb	plus sign, dot above
02215	$/$	$/$	<code>\slash</code>	mathbin		DIVISION SLASH
02216	\setminus	\setminus	<code>\smallsetminus</code>	mathbin	amssymb fourier	small SET MINUS (cf. reverse solidus)
02217	$*$	$*$	<code>\ast</code>	mathbin		ASTERISK OPERATOR (Hodge star operator)
02218	\circ	\circ	<code>\circ</code>	mathbin		composite function (small circle)
02219	\bullet	\bullet	<code>\bullet</code>	mathbin		BULLET OPERATOR
0221A	$\sqrt{\quad}$	\sqrt{x}	<code>\sqrt</code>	mathradical		radical

No.	Text	Math	Macro	Category	Requirements	Comments
0221B	$\sqrt[3]{}$	$\sqrt[3]{x}$	<code>\sqrt[3]</code>	mathradical		CUBE ROOT
0221C	$\sqrt[4]{}$	$\sqrt[4]{x}$	<code>\sqrt[4]</code>	mathradical		FOURTH ROOT
0221D	\propto	∞	<code>\propto</code>	mathrel		# <code>\varpropto</code> (amssymb), is PROPORTIONAL TO
0221E	∞	∞	<code>\infty</code>	mathord		INFINITY
02220	\sphericalangle	\sphericalangle	<code>\angle</code>	mathord		ANGLE
02221	\sphericalangle	\sphericalangle	<code>\measuredangle</code>	mathord	amssymb wrisym	MEASURED ANGLE
02222	\sphericalangle	\sphericalangle	<code>\sphericalangle</code>	mathord	amssymb wrisym	SPHERICAL ANGLE
02223	|	|	<code>\mid</code>	mathrel		r: DIVIDES
02224	†	†	<code>\nmid</code>	mathrel	amssymb	negated mid, DOES NOT DIVIDE
02225	||	||	<code>\parallel</code>	mathrel		parallel
02226	‖	‖	<code>\nparallel</code>	mathrel	amssymb fourier	not parallel
02227	\wedge	\wedge	<code>\wedge</code>	mathbin	amssymb	= <code>\land</code> , b: LOGICAL AND
02228	\vee	\vee	<code>\vee</code>	mathbin		= <code>\lor</code> , b: LOGICAL OR
02229	\cap	\cap	<code>\cap</code>	mathbin		INTERSECTION
0222A	\cup	\cup	<code>\cup</code>	mathbin		UNION or logical sum
0222B	\int	\int	<code>\int</code>	mathop		INTEGRAL operator
0222E	\oint	\oint	<code>\oint</code>	mathop		CONTOUR INTEGRAL operator
02234	\therefore	\therefore	<code>\therefore</code>	mathord	amssymb wrisym	= <code>\wasytherefore</code> (wasysym), THEREFORE
02235	\because	\because	<code>\because</code>	mathord	amssymb wrisym	BECAUSE
02236	:	:	:	mathrel		x <code>\colon</code> , RATIO
02237	::	(::)	<code>\Proportion</code>	mathrel	wrisym	# ::, two colons
02239	∴	(∴)	<code>\eqcolon</code>	mathrel	txfonts -mathabx	# ∴, EXCESS
0223C	~	~	<code>\sim</code>	mathrel		similar to, TILDE OPERATOR
0223D	∿	∿	<code>\backsimeq</code>	mathrel	amssymb	reverse similar
02240	⋈	⋈	<code>\wr</code>	mathbin	amssymb	WREATH PRODUCT
02241	≇	≇	<code>\nsim</code>	mathrel	amssymb wrisym	not similar
02242	≈	≈	<code>\eqsim</code>	mathrel	amssymb	equals, similar
02243	≈	≈	<code>\simeq</code>	mathrel		similar, equals
02245	≅	≅	<code>\cong</code>	mathrel		congruent with
02247	≇	≇	<code>\ncong</code>	mathrel	amssymb wrisym	not congruent with
02248	≈	≈	<code>\approx</code>	mathrel		approximate
0224A	≈	≈	<code>\approxeq</code>	mathrel	amssymb	approximate, equals
0224D	∞	∞	<code>\asymp</code>	mathrel		asymptotically equal to
0224E	⌢	⌢	<code>\Bumpeq</code>	mathrel	amssymb wrisym	bumpy equals
0224F	⌣	⌣	<code>\bumpeq</code>	mathrel	amssymb wrisym	bumpy equals, equals
02250	⋈	⋈	<code>\doteq</code>	mathrel		= <code>\dotequal</code> (wrisym), equals, single dot above
02251	⋈	⋈	<code>\Doteq</code>	mathrel	amssymb	= <code>\doteqdot</code> (amssymb), /doteq r: equals, even dots
02252	⋈	⋈	<code>\fallingdotseq</code>	mathrel	amssymb	equals, falling dots

No.	Text	Math	Macro	Category	Requirements	Comments
02253	\doteq	\doteq	<code>\risingdotseq</code>	mathrel	amssymb	equals, rising dots
02254	\coloneqq	$(:=)$	<code>\coloneq</code>	mathrel	mathabx -txfonts	= <code>\coloneqq</code> (txfonts), = <code>\SetDelayed</code> (wrisym), # := colon, equals
02255	\eqcolon	$(=)$	<code>\eqcolon</code>	mathrel	mathabx -txfonts	= <code>\eqqcolon</code> (txfonts), # =:, equals, colon
02256	\eqcirc	\circ	<code>\eqcirc</code>	mathrel	amssymb	circle on equals sign
02257	\circeq	\circ	<code>\circeq</code>	mathrel	amssymb	circle, equals
0225C	\triangleq	\triangle	<code>\triangleq</code>	mathrel	amssymb	= <code>\varsdef</code> (oz), triangle, equals
02260	\neq	\neq	<code>\neq</code>	mathrel		= <code>\ne</code> , r: not equal
02261	\equiv	\equiv	<code>\equiv</code>	mathrel		identical with
02264	\leq	\leq	<code>\leq</code>	mathrel		= <code>\le</code> , r: less-than-or-equal
02265	\geq	\geq	<code>\geq</code>	mathrel		= <code>\ge</code> , r: greater-than-or-equal
02266	\leqq	\leqq	<code>\leqq</code>	mathrel	amssymb	less, double equals
02267	\geqq	\geqq	<code>\geqq</code>	mathrel	amssymb	greater, double equals
02268	\leqneqq	\leqneqq	<code>\leqneqq</code>	mathrel	amssymb	less, not double equals
02269	\gneqq	\gneqq	<code>\gneqq</code>	mathrel	amssymb	greater, not double equals
0226A	\ll	\ll	<code>\ll</code>	mathrel		much less than, type 2
0226B	\gg	\gg	<code>\gg</code>	mathrel		much greater than, type 2
0226C	\between	\between	<code>\between</code>	mathrel	amssymb	BETWEEN
0226E	\nless	\nless	<code>\nless</code>	mathrel	amssymb	NOT LESS-THAN
0226F	\ngtr	\ngtr	<code>\ngtr</code>	mathrel	amssymb	NOT GREATER-THAN
02270	\nleq	\nleq	<code>\nleq</code>	mathrel	amssymb wrisym	= <code>\nleqslant</code> (fourier), not less-than-or-equal
02271	\ngeq	\ngeq	<code>\ngeq</code>	mathrel	amssymb wrisym	= <code>\ngeqslant</code> (fourier), not greater-than-or-equal
02272	\lesssim	\lesssim	<code>\lessim</code>	mathrel	amssymb	= <code>\apprle</code> (wasysym), = <code>\LessTilde</code> (wrisym), less, similar
02273	\gtrsim	\gtrsim	<code>\gtrsim</code>	mathrel	amssymb	= <code>\apprge</code> (wasysym), = <code>\GreaterTilde</code> (wrisym), greater, similar
02276	\lessgtr	\lessgtr	<code>\lessgtr</code>	mathrel	amssymb	less, greater
02277	\gtrless	\gtrless	<code>\gtrless</code>	mathrel	amssymb	= <code>\GreaterLess</code> (wrisym), greater, less
0227A	\prec	\prec	<code>\prec</code>	mathrel		PRECEDES
0227B	\succ	\succ	<code>\succ</code>	mathrel		SUCCEEDS
0227C	\preccurlyeq	\preccurlyeq	<code>\preccurlyeq</code>	mathrel	amssymb	= <code>\PrecedesSlantEqual</code> (wrisym), precedes, curly equals
0227D	\succcurlyeq	\succcurlyeq	<code>\succcurlyeq</code>	mathrel	amssymb	= <code>\SucceedsSlantEqual</code> (wrisym), succeeds, curly equals
0227E	$\prec\sim$	$\prec\sim$	<code>\prec\sim</code>	mathrel	amssymb	= <code>\PrecedesTilde</code> (wrisym), precedes, similar
0227F	$\succ\sim$	$\succ\sim$	<code>\succ\sim</code>	mathrel	amssymb	= <code>\SucceedsTilde</code> (wrisym), succeeds, similar
02280	\nprec	\nprec	<code>\nprec</code>	mathrel	amssymb wrisym	not precedes
02281	\nsucc	\nsucc	<code>\nsucc</code>	mathrel	amssymb wrisym	not succeeds
02282	\subset	\subset	<code>\subset</code>	mathrel		subset or is implied by
02283	\supset	\supset	<code>\supset</code>	mathrel		superset or implies
02286	\subseteq	\subseteq	<code>\subseteq</code>	mathrel		subset, equals
02287	\supseteq	\supseteq	<code>\supseteq</code>	mathrel		superset, equals
02288	$\not\subseteq$	$\not\subseteq$	<code>\nsubseteq</code>	mathrel	amssymb wrisym	not subset, equals

No.	Text	Math	Macro	Category	Requirements	Comments
02289	$\not\supseteq$	$\not\supseteq$	<code>\nsupseteq</code>	mathrel	amssymb wrisym	not superset, equals
0228A	$\not\subsetneq$	$\not\subsetneq$	<code>\subsetneq</code>	mathrel	amssymb	= <code>\varsubsetneq</code> (fourier), subset, not equals
0228B	$\not\supsetneq$	$\not\supsetneq$	<code>\supsetneq</code>	mathrel	amssymb	superset, not equals
0228E	\in	\in	<code>\uplus</code>	mathbin		= <code>\buni</code> (oz), plus sign in union
0228F	\sqsubset	\sqsubset	<code>\sqsubset</code>	mathrel	amssymb	square subset
02290	\sqsupset	\sqsupset	<code>\sqsupset</code>	mathrel	amssymb	square superset
02291	\sqsubseteq	\sqsubseteq	<code>\sqsubseteq</code>	mathrel		square subset, equals
02292	\sqsupseteq	\sqsupseteq	<code>\sqsupseteq</code>	mathrel		square superset, equals
02293	\sqcap	\sqcap	<code>\sqcap</code>	mathbin		square intersection
02294	\sqcup	\sqcup	<code>\sqcup</code>	mathbin		square union
02295	\oplus	\oplus	<code>\oplus</code>	mathbin		plus sign in circle
02296	\ominus	\ominus	<code>\ominus</code>	mathbin		minus sign in circle
02297	\otimes	\otimes	<code>\otimes</code>	mathbin		multiply sign in circle
02298	\oslash	\oslash	<code>\oslash</code>	mathbin		solidus in circle
02299	\odot	\odot	<code>\odot</code>	mathbin		middle dot in circle
0229A	\odot	\odot	<code>\circledcirc</code>	mathbin	amssymb	small circle in circle
0229B	\otimes	\otimes	<code>\circledast</code>	mathbin	amssymb	asterisk in circle
0229D	\ominus	\ominus	<code>\circleddash</code>	mathbin	amssymb	hyphen in circle
0229E	\boxplus	\boxplus	<code>\boxplus</code>	mathbin	amssymb	plus sign in box
0229F	\boxminus	\boxminus	<code>\boxminus</code>	mathbin	amssymb	minus sign in box
022A0	\boxtimes	\boxtimes	<code>\boxtimes</code>	mathbin	amssymb	multiply sign in box
022A1	\boxdot	\boxdot	<code>\boxdot</code>	mathbin	amssymb stmaryrd	<code>/dotsquare</code> <code>/boxdot b</code> : small dot in box
022A2	\dashv	\dashv	<code>\dashv</code>	mathrel		RIGHT TACK, proves, implies, yields, (vertical, dash)
022A3	\dashv	\dashv	<code>\dashv</code>	mathrel	amssymb	LEFT TACK, non-theorem, does not yield, (dash, vertical)
022A4	\top	\top	<code>\top</code>	mathord		DOWN TACK, top
022A5	\bot	\bot	<code>\bot</code>	mathord		UP TACK, bottom
022A6	\vdash	\vdash	<code>\vdash</code>	mathrel		# <code>\vdash</code> , ASSERTION (vertical, short dash)
022A7	\vDash	\vDash	<code>\models</code>	mathrel		MODELS (vertical, short double dash)
022A8	\vDash	\vDash	<code>\vDash</code>	mathrel	amssymb fourier	TRUE (vertical, double dash)
022A9	\Vdash	\Vdash	<code>\Vdash</code>	mathrel	amssymb	double vertical, dash
022AA	\Vdash	\Vdash	<code>\Vdash</code>	mathrel	amssymb	triple vertical, dash
022AC	\nvdash	\nvdash	<code>\nvdash</code>	mathrel	amssymb	not vertical, dash
022AD	\nvDash	\nvDash	<code>\nvDash</code>	mathrel	amssymb fourier	not vertical, double dash
022AE	\nVdash	\nVdash	<code>\nVdash</code>	mathrel	amssymb	not double vertical, dash
022AF	\nVDash	\nVDash	<code>\nVDash</code>	mathrel	amssymb	not double vert, double dash
022B2	\triangleleft	\triangleleft	<code>\vartriangleleft</code>	mathrel	amssymb	left triangle, open, variant
022B3	\triangleright	\triangleright	<code>\vartriangleright</code>	mathrel	amssymb	right triangle, open, variant
022B4	\triangleleft	\triangleleft	<code>\triangleleft</code>	mathrel	amssymb	= <code>\unlhd</code> (wrisym), left triangle, equals

No.	Text	Math	Macro	Category	Requirements	Comments
022B5	\triangleright	\triangleright	<code>\trianglerightrighteq</code>	mathrel	amssymb	= <code>\unrhd</code> (wrisym), right triangle, equals
022B8	\multimap	\multimap	<code>\multimap</code>	mathrel	amssymb	/MULTIMAP a:
022BA	\intercal	\intercal	<code>\intercal</code>	mathbin	amssymb fourier	intercal
022BB	\veebar	\veebar	<code>\veebar</code>	mathbin	amssymb	logical or, bar below (large vee); exclusive disjunction
022BC	$\bar{\wedge}$	$\bar{\wedge}$	<code>\barwedge</code>	mathbin	amssymb	logical NAND (bar over wedge)
022C0	\bigwedge	\bigwedge	<code>\bigwedge</code>	mathop		logical or operator
022C1	\bigvee	\bigvee	<code>\bigvee</code>	mathop		logical and operator
022C2	\bigcap	\bigcap	<code>\bigcap</code>	mathop		= <code>\dint</code> (oz), <code>\dinter</code> (oz), intersection operator
022C3	\bigcup	\bigcup	<code>\bigcup</code>	mathop		= <code>\duni</code> (oz), <code>\dunion</code> (oz), union operator
022C4	\diamond	\diamond	<code>\diamond</code>	mathbin		DIAMOND OPERATOR (white diamond)
022C5	\cdot	\cdot	<code>\cdot</code>	mathbin		DOT OPERATOR (small middle dot)
022C6	\star	\star	<code>\star</code>	mathbin		small star, filled, low
022C7	\div	\div	<code>\div</code>	mathbin	amssymb	division on times
022C8	\bowtie	\bowtie	<code>\bowtie</code>	mathrel		= <code>\lrtimes</code> (txfonts), BOWTIE
022C9	\ltimes	\ltimes	<code>\ltimes</code>	mathbin	amssymb	times sign, left closed
022CA	\rtimes	\rtimes	<code>\rtimes</code>	mathbin	amssymb	times sign, right closed
022CB	\leftthreetimes	\leftthreetimes	<code>\leftthreetimes</code>	mathbin	amssymb	LEFT SEMIDIRECT PRODUCT
022CC	\rightthreetimes	\rightthreetimes	<code>\rightthreetimes</code>	mathbin	amssymb	RIGHT SEMIDIRECT PRODUCT
022CD	\backsimeq	\backsimeq	<code>\backsimeq</code>	mathrel	amssymb	reverse similar, equals
022CE	\curlyvee	\curlyvee	<code>\curlyvee</code>	mathbin	amssymb	CURLY LOGICAL OR
022CF	\curlywedge	\curlywedge	<code>\curlywedge</code>	mathbin	amssymb	CURLY LOGICAL AND
022D0	\Subset	\Subset	<code>\Subset</code>	mathrel	amssymb	DOUBLE SUBSET
022D1	\Supset	\Supset	<code>\Supset</code>	mathrel	amssymb	DOUBLE SUPERSET
022D2	\Cap	\Cap	<code>\Cap</code>	mathbin	amssymb	/cap /doublecap b: DOUBLE INTERSECTION
022D3	\Cup	\Cup	<code>\Cup</code>	mathbin	amssymb	/cup /doublecup b: DOUBLE UNION
022D4	\pitchfork	\pitchfork	<code>\pitchfork</code>	mathrel	amssymb	PITCHFORK
022D6	\lessdot	\lessdot	<code>\lessdot</code>	mathrel	amssymb	less than, with dot
022D7	\gtrdot	\gtrdot	<code>\gtrdot</code>	mathrel	amssymb	greater than, with dot
022D8	\lll	\lll	<code>\lll</code>	mathrel	amssymb mathabx	- triple less-than
022D9	\ggg	\ggg	<code>\ggg</code>	mathrel	amssymb mathabx	- triple greater-than
022DA	\lesseqgtr	\lesseqgtr	<code>\lesseqgtr</code>	mathrel	amssymb	less, equals, greater
022DB	\gtreqless	\gtreqless	<code>\gtreqless</code>	mathrel	amssymb	greater, equals, less
022DE	\curlyeqprec	\curlyeqprec	<code>\curlyeqprec</code>	mathrel	amssymb	curly equals, precedes
022DF	\curlyeqsucc	\curlyeqsucc	<code>\curlyeqsucc</code>	mathrel	amssymb	curly equals, succeeds
022E0	\npreceq	\npreceq	<code>\npreceq</code>	mathrel	amssymb wrisym	DOES NOT PRECEDE OR EQUAL
022E1	\nsucceq	\nsucceq	<code>\nsucceq</code>	mathrel	amssymb wrisym	not succeeds, curly equals

No.	Text	Math	Macro	Category	Requirements	Comments
022E6	\lesssim	\lesssim	<code>\lesssim</code>	mathrel	amssymb	less, not similar
022E7	\gtrsim	\gtrsim	<code>\gtrsim</code>	mathrel	amssymb	greater, not similar
022E8	\prec	\prec	<code>\prec</code>	mathrel	amssymb	precedes, not similar
022E9	\succ	\succ	<code>\succ</code>	mathrel	amssymb	succeeds, not similar
022EA	\ntriangleleft	\ntriangleleft	<code>\ntriangleleft</code>	mathrel	amssymb	= <code>\NotLeftTriangle</code> (wrisym), not left triangle
022EB	\ntriangleright	\ntriangleright	<code>\ntriangleright</code>	mathrel	amssymb	= <code>\NotRightTriangle</code> (wrisym), not right triangle
022EC	\trianglelefteq	\trianglelefteq	<code>\trianglelefteq</code>	mathrel	amssymb	= <code>\nunlhd</code> (wrisym), not left triangle, equals
022ED	\trianglerighteq	\trianglerighteq	<code>\trianglerighteq</code>	mathrel	amssymb	= <code>\nurhd</code> (wrisym), not right triangle, equals
022EE	\vdots	\vdots	<code>\vdots</code>	mathrel		VERTICAL ELLIPSIS
022EF	\cdots	\cdots	<code>\cdots</code>	mathord		three dots, centered
022F1	\ddots	\ddots	<code>\ddots</code>	mathrel		three dots, descending
022FF	\mathbb{E}	\mathbb{E}	<code>\mathbb{E}</code>	mathrel		# <code>\mathsf{E}</code> , Z NOTATION BAG MEMBERSHIP
02300	\oslash	\oslash	<code>\diameter</code>	mathord	mathabx	# <code>\varnothing</code> (amssymb), DIAMETER SIGN
02305	$\bar{\wedge}$	$\bar{\wedge}$		mathbin		# <code>\barwedge</code> (amssymb), PROJECTIVE (bar over small wedge) not nand
02306	$\overline{\wedge}$	$\overline{\wedge}$		mathbin		# <code>\doublebarwedge</code> (amssymb), PERSPECTIVE (double bar over small wedge)
02308	\lceil	\lceil	<code>\lceil</code>	mathopen		LEFT CEILING
02309	\rceil	\rceil	<code>\rceil</code>	mathclose		RIGHT CEILING
0230A	\lfloor	\lfloor	<code>\lfloor</code>	mathopen		LEFT FLOOR
0230B	\rfloor	\rfloor	<code>\rfloor</code>	mathclose		RIGHT FLOOR
0231C	\ulcorner	\ulcorner	<code>\ulcorner</code>	mathopen	amsfonts	upper left corner
0231D	\urcorner	\urcorner	<code>\urcorner</code>	mathclose	amsfonts	upper right corner
0231E	\llcorner	\llcorner	<code>\llcorner</code>	mathopen	amsfonts	lower left corner
0231F	\lrcorner	\lrcorner	<code>\lrcorner</code>	mathclose	amsfonts	lower right corner
02322	\frown	\frown	<code>\frown</code>	mathrel		# <code>\smallFROWN</code> , down curve
02323	\smile	\smile	<code>\smile</code>	mathrel		# <code>\smallSMILE</code> , up curve
023DE	$\overbrace{}$	$\overbrace{}$	<code>\overbrace</code>	mathover		TOP CURLY BRACKET (mathematical use)
023DF	$\underbrace{}$	$\underbrace{}$	<code>\underbrace</code>	mathunder		BOTTOM CURLY BRACKET (mathematical use)
025B3	\bigtriangleup	\bigtriangleup	<code>\bigtriangleup</code>	mathbin	-stmaryrd	= <code>\triangle</code> (amsfonts), # <code>\vartriangle</code> (amssymb), big up triangle, open
025B5	\smalltriangleup	\smalltriangleup	<code>\smalltriangleup</code>	mathbin	mathabx	# <code>\vartriangle</code> (amssymb), small up triangle, open
025B7	\triangleright	\triangleright	<code>\rhd</code>	mathbin	amssymb wasysym	= <code>\rres</code> (oz), = <code>\RightTriangle</code> (wrisym), (large) right triangle, open; z notation range restriction
025B9	\triangleright	\triangleright	<code>\smalltriangleright</code>	mathbin	mathabx	# <code>\triangleright</code> (amsfonts), x <code>\triangleright</code> (mathabx), right triangle, open
025BD	\bigtriangledown	\bigtriangledown	<code>\bigtriangledown</code>	mathbin	-stmaryrd	big down triangle, open
025BF	\smalltriangledown	\smalltriangledown	<code>\smalltriangledown</code>	mathbin	mathabx	# <code>\triangledown</code> (amssymb), WHITE DOWN-POINTING SMALL TRIANGLE
025C1	\triangleleft	\triangleleft	<code>\lhd</code>	mathbin	amssymb wasysym	= <code>\dres</code> (oz), = <code>\LeftTriangle</code> (wrisym), (large) left triangle, open; z notation domain restriction
025C3	\triangleleft	\triangleleft	<code>\smalltriangleleft</code>	mathbin	mathabx	# <code>\triangleleft</code> (amsfonts), x <code>\triangleleft</code> (mathabx), left triangle, open
025C7	\diamond	\diamond	<code>\Diamond</code>	mathord	amssymb	WHITE DIAMOND; diamond, open

No.	Text	Math	Macro	Category	Requirements	Comments
025CA	◇	◇	\lozenge	mathord	amssymb	LOZENGE or total mark
025CE	◎	(◎)		mathord		# \circledcirc (amssymb), BULLSEYE
025FB	□	□	\square	mathord	amssymb -fourier	WHITE MEDIUM SQUARE
025FC	■	■	\blacksquare	mathord	amssymb -fourier	BLACK MEDIUM SQUARE
02605	★	★	\bigstar	mathord	amssymb	star, filled
02660	♠	♠	\spadesuit	mathord		spades suit symbol
02661	♥	♥	\heartsuit	mathord		heart suit symbol
02662	◇	◇	\diamondsuit	mathord		diamond suit symbol
02663	♣	♣	\clubsuit	mathord		club suit symbol
0266D	♭	♭	\flat	mathord		musical flat
0266E	♮	♮	\natural	mathord		music natural
0266F	♯	♯	\sharp	mathord		# \# (oz), musical sharp, z notation infix bag count
02713	✓	✓	\checkmark	mathord	amsfonts	= \ballotcheck (arevmath), tick, CHECK MARK
02720	✠	✠	\maltese	mathord	amsfonts	MALTESE CROSS
027C2	⊥	⊥	\perp	mathrel		PERPENDICULAR
027E8	⟨	⟨	\langle	mathopen		MATHEMATICAL LEFT ANGLE BRACKET
027E9	⟩	⟩	\rangle	mathclose		MATHEMATICAL RIGHT ANGLE BRACKET
027EE	(	(	\lgroup	mathopen		MATHEMATICAL LEFT FLATTENED PARENTHESIS
027EF	)	)	\rgroup	mathclose		MATHEMATICAL RIGHT FLATTENED PARENTHESIS
027F5	←	←	\longleftarrow	mathrel		LONG LEFTWARDS ARROW
027F6	→	→	\longrightarrow	mathrel		LONG RIGHTWARDS ARROW
027F7	↔	↔	\longleftrightarrow	mathrel		LONG LEFT RIGHT ARROW
027F8	⇐	⇐	\Longleftarrow	mathrel		= \impliedby (amsmath), LONG LEFTWARDS DOUBLE ARROW
027F9	⇒	⇒	\Longrightarrow	mathrel		= \implies (amsmath), LONG RIGHTWARDS DOUBLE ARROW
027FA	⇔	⇔	\Longleftrightarrow	mathrel		= \iff (oz), LONG LEFT RIGHT DOUBLE ARROW
027FC	⤴	⤴	\longmapsto	mathrel		LONG RIGHTWARDS ARROW FROM BAR
029EB	◆	◆	\blacklozenge	mathbin	amssymb	BLACK LOZENGE
029F5	\	\	\setminus	mathbin		REVERSE SOLIDUS OPERATOR
02A00	⊙	⊙	\bigodot	mathop		N-ARY CIRCLED DOT OPERATOR
02A01	⊕	⊕	\bigoplus	mathop		N-ARY CIRCLED PLUS OPERATOR
02A02	⊗	⊗	\bigotimes	mathop		N-ARY CIRCLED TIMES OPERATOR
02A04	⊕	⊕	\biguplus	mathop		N-ARY UNION OPERATOR WITH PLUS
02A06	⊔	⊔	\bigsqcup	mathop		N-ARY SQUARE UNION OPERATOR
02A1D	⋈	⋈	\Join	mathop	amssymb	JOIN
02A2F	×	(×)		mathbin		# \times, VECTOR OR CROSS PRODUCT
02A3F	⊔	⊔	\amalg	mathbin		AMALGAMATION OR COPRODUCT
02A5E	⌘	⌘	\doublebarwedge	mathbin	amssymb	LOGICAL AND WITH DOUBLE OVERBAR
02A74	::=	(::=)	\Coloneqq	mathrel	txfonts	# ::=, x \Coloneqq (txfonts), DOUBLE COLON EQUAL

No.	Text	Math	Macro	Category	Requirements	Comments
02A75	==	(=)	\Equal	mathrel	wrisym	# ==, TWO CONSECUTIVE EQUALS SIGNS
02A76	===	(=)	\Same	mathrel	wrisym	# ===, THREE CONSECUTIVE EQUALS SIGNS
02A7D	\leqslant	\leqslant	\leqslant	mathrel	amssymb fourier	LESS-THAN OR SLANTED EQUAL TO
02A7E	\geqslant	\geqslant	\geqslant	mathrel	amssymb fourier	GREATER-THAN OR SLANTED EQUAL TO
02A85	\lessapprox	\lessapprox	\lessapprox	mathrel	amssymb	LESS-THAN OR APPROXIMATE
02A86	\gtrapprox	\gtrapprox	\gtrapprox	mathrel	amssymb	GREATER-THAN OR APPROXIMATE
02A89	\lnapprox	\lnapprox	\lnapprox	mathrel	amssymb	LESS-THAN AND NOT APPROXIMATE
02A8A	\gnapprox	\gnapprox	\gnapprox	mathrel	amssymb	GREATER-THAN AND NOT APPROXIMATE
02A8B	\lesseqgtr	\lesseqgtr	\lesseqgtr	mathrel	amssymb	LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
02A8C	\gtreqless	\gtreqless	\gtreqless	mathrel	amssymb	GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
02A95	\eqslantless	\eqslantless	\eqslantless	mathrel	amssymb	SLANTED EQUAL TO OR LESS-THAN
02A96	\eqslantgtr	\eqslantgtr	\eqslantgtr	mathrel	amssymb	SLANTED EQUAL TO OR GREATER-THAN
02AAF	\preceq	\preceq	\preceq	mathrel		PRECEDES ABOVE SINGLE-LINE EQUALS SIGN
02AB0	\succeq	\succeq	\succeq	mathrel		SUCCEEDS ABOVE SINGLE-LINE EQUALS SIGN
02AB7	\precapprox	\precapprox	\precapprox	mathrel	amssymb	PRECEDES ABOVE ALMOST EQUAL TO
02AB8	\succapprox	\succapprox	\succapprox	mathrel	amssymb	SUCCEEDS ABOVE ALMOST EQUAL TO
02AB9	\precnapprox	\precnapprox	\precnapprox	mathrel	amssymb	PRECEDES ABOVE NOT ALMOST EQUAL TO
02ABA	\succnapprox	\succnapprox	\succnapprox	mathrel	amssymb	SUCCEEDS ABOVE NOT ALMOST EQUAL TO
02AC5	\subseteq	\subseteq	\subseteq	mathrel	amssymb	SUBSET OF ABOVE EQUALS SIGN
02AC6	\supseteq	\supseteq	\supseteq	mathrel	amssymb	SUPERSET OF ABOVE EQUALS SIGN
02ACB	\subsetneq	\subsetneq	\subsetneq	mathrel	amssymb	SUBSET OF ABOVE NOT EQUAL TO
02ACC	\supsetneq	\supsetneq	\supsetneq	mathrel	amssymb	SUPERSET OF ABOVE NOT EQUAL TO
02B1D	\centerdot	\centerdot	\centerdot	mathord		# \centerdot (amssymb), t \Squaredot (marvosym), BLACK VERY SMALL SQUARE
02B27	\blacklozenge	\blacklozenge	\blacklozenge	mathord		# \blacklozenge (amssymb), BLACK MEDIUM LOZENGE
02B28	\lozenge	\lozenge	\lozenge	mathord		# \lozenge (amssymb), WHITE MEDIUM LOZENGE
03008	\langle	\langle	\langle	mathopen		# \langle, LEFT ANGLE BRACKET (deprecated for math use)
03009	\rangle	\rangle	\rangle	mathclose		# \rangle, RIGHT ANGLE BRACKET (deprecated for math use)
1D400	\mathbf{A}	\mathbf{A}	\mathbf{A}	mathalpha		MATHEMATICAL BOLD CAPITAL A
1D401	\mathbf{B}	\mathbf{B}	\mathbf{B}	mathalpha		MATHEMATICAL BOLD CAPITAL B
1D402	\mathbf{C}	\mathbf{C}	\mathbf{C}	mathalpha		MATHEMATICAL BOLD CAPITAL C
1D403	\mathbf{D}	\mathbf{D}	\mathbf{D}	mathalpha		MATHEMATICAL BOLD CAPITAL D
1D404	\mathbf{E}	\mathbf{E}	\mathbf{E}	mathalpha		MATHEMATICAL BOLD CAPITAL E
1D405	\mathbf{F}	\mathbf{F}	\mathbf{F}	mathalpha		MATHEMATICAL BOLD CAPITAL F
1D406	\mathbf{G}	\mathbf{G}	\mathbf{G}	mathalpha		MATHEMATICAL BOLD CAPITAL G
1D407	\mathbf{H}	\mathbf{H}	\mathbf{H}	mathalpha		MATHEMATICAL BOLD CAPITAL H
1D408	\mathbf{I}	\mathbf{I}	\mathbf{I}	mathalpha		MATHEMATICAL BOLD CAPITAL I
1D409	\mathbf{J}	\mathbf{J}	\mathbf{J}	mathalpha		MATHEMATICAL BOLD CAPITAL J
1D40A	\mathbf{K}	\mathbf{K}	\mathbf{K}	mathalpha		MATHEMATICAL BOLD CAPITAL K

No.	Text	Math	Macro	Category	Requirements	Comments
1D40B	L	L	<code>\mathbf{L}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL L
1D40C	M	M	<code>\mathbf{M}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL M
1D40D	N	N	<code>\mathbf{N}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL N
1D40E	O	O	<code>\mathbf{O}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL O
1D40F	P	P	<code>\mathbf{P}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL P
1D410	Q	Q	<code>\mathbf{Q}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL Q
1D411	R	R	<code>\mathbf{R}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL R
1D412	S	S	<code>\mathbf{S}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL S
1D413	T	T	<code>\mathbf{T}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL T
1D414	U	U	<code>\mathbf{U}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL U
1D415	V	V	<code>\mathbf{V}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL V
1D416	W	W	<code>\mathbf{W}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL W
1D417	X	X	<code>\mathbf{X}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL X
1D418	Y	Y	<code>\mathbf{Y}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL Y
1D419	Z	Z	<code>\mathbf{Z}</code>	mathalpha		MATHEMATICAL BOLD CAPITAL Z
1D41A	a	a	<code>\mathbf{a}</code>	mathalpha		MATHEMATICAL BOLD SMALL A
1D41B	b	b	<code>\mathbf{b}</code>	mathalpha		MATHEMATICAL BOLD SMALL B
1D41C	c	c	<code>\mathbf{c}</code>	mathalpha		MATHEMATICAL BOLD SMALL C
1D41D	d	d	<code>\mathbf{d}</code>	mathalpha		MATHEMATICAL BOLD SMALL D
1D41E	e	e	<code>\mathbf{e}</code>	mathalpha		MATHEMATICAL BOLD SMALL E
1D41F	f	f	<code>\mathbf{f}</code>	mathalpha		MATHEMATICAL BOLD SMALL F
1D420	g	g	<code>\mathbf{g}</code>	mathalpha		MATHEMATICAL BOLD SMALL G
1D421	h	h	<code>\mathbf{h}</code>	mathalpha		MATHEMATICAL BOLD SMALL H
1D422	i	i	<code>\mathbf{i}</code>	mathalpha		MATHEMATICAL BOLD SMALL I
1D423	j	j	<code>\mathbf{j}</code>	mathalpha		MATHEMATICAL BOLD SMALL J
1D424	k	k	<code>\mathbf{k}</code>	mathalpha		MATHEMATICAL BOLD SMALL K
1D425	l	l	<code>\mathbf{l}</code>	mathalpha		MATHEMATICAL BOLD SMALL L
1D426	m	m	<code>\mathbf{m}</code>	mathalpha		MATHEMATICAL BOLD SMALL M
1D427	n	n	<code>\mathbf{n}</code>	mathalpha		MATHEMATICAL BOLD SMALL N
1D428	o	o	<code>\mathbf{o}</code>	mathalpha		MATHEMATICAL BOLD SMALL O
1D429	p	p	<code>\mathbf{p}</code>	mathalpha		MATHEMATICAL BOLD SMALL P
1D42A	q	q	<code>\mathbf{q}</code>	mathalpha		MATHEMATICAL BOLD SMALL Q
1D42B	r	r	<code>\mathbf{r}</code>	mathalpha		MATHEMATICAL BOLD SMALL R
1D42C	s	s	<code>\mathbf{s}</code>	mathalpha		MATHEMATICAL BOLD SMALL S
1D42D	t	t	<code>\mathbf{t}</code>	mathalpha		MATHEMATICAL BOLD SMALL T
1D42E	u	u	<code>\mathbf{u}</code>	mathalpha		MATHEMATICAL BOLD SMALL U
1D42F	v	v	<code>\mathbf{v}</code>	mathalpha		MATHEMATICAL BOLD SMALL V
1D430	w	w	<code>\mathbf{w}</code>	mathalpha		MATHEMATICAL BOLD SMALL W

No.	Text	Math	Macro	Category	Requirements	Comments
1D431	x	x	\mathbf{x}	mathalpha		MATHEMATICAL BOLD SMALL X
1D432	y	y	\mathbf{y}	mathalpha		MATHEMATICAL BOLD SMALL Y
1D433	z	z	\mathbf{z}	mathalpha		MATHEMATICAL BOLD SMALL Z
1D434	<i>A</i>	<i>A</i>	A	mathalpha	-frenchstyle	= A , MATHEMATICAL ITALIC CAPITAL A
1D435	<i>B</i>	<i>B</i>	B	mathalpha	-frenchstyle	= B , MATHEMATICAL ITALIC CAPITAL B
1D436	<i>C</i>	<i>C</i>	C	mathalpha	-frenchstyle	= C , MATHEMATICAL ITALIC CAPITAL C
1D437	<i>D</i>	<i>D</i>	D	mathalpha	-frenchstyle	= D , MATHEMATICAL ITALIC CAPITAL D
1D438	<i>E</i>	<i>E</i>	E	mathalpha	-frenchstyle	= E , MATHEMATICAL ITALIC CAPITAL E
1D439	<i>F</i>	<i>F</i>	F	mathalpha	-frenchstyle	= F , MATHEMATICAL ITALIC CAPITAL F
1D43A	<i>G</i>	<i>G</i>	G	mathalpha	-frenchstyle	= G , MATHEMATICAL ITALIC CAPITAL G
1D43B	<i>H</i>	<i>H</i>	H	mathalpha	-frenchstyle	= H , MATHEMATICAL ITALIC CAPITAL H
1D43C	<i>I</i>	<i>I</i>	I	mathalpha	-frenchstyle	= I , MATHEMATICAL ITALIC CAPITAL I
1D43D	<i>J</i>	<i>J</i>	J	mathalpha	-frenchstyle	= J , MATHEMATICAL ITALIC CAPITAL J
1D43E	<i>K</i>	<i>K</i>	K	mathalpha	-frenchstyle	= K , MATHEMATICAL ITALIC CAPITAL K
1D43F	<i>L</i>	<i>L</i>	L	mathalpha	-frenchstyle	= L , MATHEMATICAL ITALIC CAPITAL L
1D440	<i>M</i>	<i>M</i>	M	mathalpha	-frenchstyle	= M , MATHEMATICAL ITALIC CAPITAL M
1D441	<i>N</i>	<i>N</i>	N	mathalpha	-frenchstyle	= N , MATHEMATICAL ITALIC CAPITAL N
1D442	<i>O</i>	<i>O</i>	O	mathalpha	-frenchstyle	= O , MATHEMATICAL ITALIC CAPITAL O
1D443	<i>P</i>	<i>P</i>	P	mathalpha	-frenchstyle	= P , MATHEMATICAL ITALIC CAPITAL P
1D444	<i>Q</i>	<i>Q</i>	Q	mathalpha	-frenchstyle	= Q , MATHEMATICAL ITALIC CAPITAL Q
1D445	<i>R</i>	<i>R</i>	R	mathalpha	-frenchstyle	= R , MATHEMATICAL ITALIC CAPITAL R
1D446	<i>S</i>	<i>S</i>	S	mathalpha	-frenchstyle	= S , MATHEMATICAL ITALIC CAPITAL S
1D447	<i>T</i>	<i>T</i>	T	mathalpha	-frenchstyle	= T , MATHEMATICAL ITALIC CAPITAL T
1D448	<i>U</i>	<i>U</i>	U	mathalpha	-frenchstyle	= U , MATHEMATICAL ITALIC CAPITAL U
1D449	<i>V</i>	<i>V</i>	V	mathalpha	-frenchstyle	= V , MATHEMATICAL ITALIC CAPITAL V
1D44A	<i>W</i>	<i>W</i>	W	mathalpha	-frenchstyle	= W , MATHEMATICAL ITALIC CAPITAL W
1D44B	<i>X</i>	<i>X</i>	X	mathalpha	-frenchstyle	= X , MATHEMATICAL ITALIC CAPITAL X
1D44C	<i>Y</i>	<i>Y</i>	Y	mathalpha	-frenchstyle	= Y , MATHEMATICAL ITALIC CAPITAL Y
1D44D	<i>Z</i>	<i>Z</i>	Z	mathalpha	-frenchstyle	= Z , MATHEMATICAL ITALIC CAPITAL Z
1D44E	<i>a</i>	<i>a</i>	a	mathalpha	-uprightstyle	= a , MATHEMATICAL ITALIC SMALL A
1D44F	<i>b</i>	<i>b</i>	b	mathalpha	-uprightstyle	= b , MATHEMATICAL ITALIC SMALL B
1D450	<i>c</i>	<i>c</i>	c	mathalpha	-uprightstyle	= c , MATHEMATICAL ITALIC SMALL C
1D451	<i>d</i>	<i>d</i>	d	mathalpha	-uprightstyle	= d , MATHEMATICAL ITALIC SMALL D
1D452	<i>e</i>	<i>e</i>	e	mathalpha	-uprightstyle	= e , MATHEMATICAL ITALIC SMALL E
1D453	<i>f</i>	<i>f</i>	f	mathalpha	-uprightstyle	= f , MATHEMATICAL ITALIC SMALL F
1D454	<i>g</i>	<i>g</i>	g	mathalpha	-uprightstyle	= g , MATHEMATICAL ITALIC SMALL G
1D456	<i>i</i>	<i>i</i>	i	mathalpha	-uprightstyle	= i , MATHEMATICAL ITALIC SMALL I
1D457	<i>j</i>	<i>j</i>	j	mathalpha	-uprightstyle	= j , MATHEMATICAL ITALIC SMALL J

No.	Text	Math	Macro	Category	Requirements	Comments
1D458	<i>k</i>	<i>k</i>	<code>k</code>	mathalpha	-uprightstyle	= <code>\mathit{k}</code> , MATHEMATICAL ITALIC SMALL K
1D459	<i>l</i>	<i>l</i>	<code>l</code>	mathalpha	-uprightstyle	= <code>\mathit{l}</code> , MATHEMATICAL ITALIC SMALL L
1D45A	<i>m</i>	<i>m</i>	<code>m</code>	mathalpha	-uprightstyle	= <code>\mathit{m}</code> , MATHEMATICAL ITALIC SMALL M
1D45B	<i>n</i>	<i>n</i>	<code>n</code>	mathalpha	-uprightstyle	= <code>\mathit{n}</code> , MATHEMATICAL ITALIC SMALL N
1D45C	<i>o</i>	<i>o</i>	<code>o</code>	mathalpha	-uprightstyle	= <code>\mathit{o}</code> , MATHEMATICAL ITALIC SMALL O
1D45D	<i>p</i>	<i>p</i>	<code>p</code>	mathalpha	-uprightstyle	= <code>\mathit{p}</code> , MATHEMATICAL ITALIC SMALL P
1D45E	<i>q</i>	<i>q</i>	<code>q</code>	mathalpha	-uprightstyle	= <code>\mathit{q}</code> , MATHEMATICAL ITALIC SMALL Q
1D45F	<i>r</i>	<i>r</i>	<code>r</code>	mathalpha	-uprightstyle	= <code>\mathit{r}</code> , MATHEMATICAL ITALIC SMALL R
1D460	<i>s</i>	<i>s</i>	<code>s</code>	mathalpha	-uprightstyle	= <code>\mathit{s}</code> , MATHEMATICAL ITALIC SMALL S
1D461	<i>t</i>	<i>t</i>	<code>t</code>	mathalpha	-uprightstyle	= <code>\mathit{t}</code> , MATHEMATICAL ITALIC SMALL T
1D462	<i>u</i>	<i>u</i>	<code>u</code>	mathalpha	-uprightstyle	= <code>\mathit{u}</code> , MATHEMATICAL ITALIC SMALL U
1D463	<i>v</i>	<i>v</i>	<code>v</code>	mathalpha	-uprightstyle	= <code>\mathit{v}</code> , MATHEMATICAL ITALIC SMALL V
1D464	<i>w</i>	<i>w</i>	<code>w</code>	mathalpha	-uprightstyle	= <code>\mathit{w}</code> , MATHEMATICAL ITALIC SMALL W
1D465	<i>x</i>	<i>x</i>	<code>x</code>	mathalpha	-uprightstyle	= <code>\mathit{x}</code> , MATHEMATICAL ITALIC SMALL X
1D466	<i>y</i>	<i>y</i>	<code>y</code>	mathalpha	-uprightstyle	= <code>\mathit{y}</code> , MATHEMATICAL ITALIC SMALL Y
1D467	<i>z</i>	<i>z</i>	<code>z</code>	mathalpha	-uprightstyle	= <code>\mathit{z}</code> , MATHEMATICAL ITALIC SMALL Z
1D49C	<i>A</i>	<i>A</i>	<code>\mathcal{A}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL A
1D49E	<i>C</i>	<i>C</i>	<code>\mathcal{C}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL C
1D49F	<i>D</i>	<i>D</i>	<code>\mathcal{D}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL D
1D4A2	<i>G</i>	<i>G</i>	<code>\mathcal{G}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL G
1D4A5	<i>J</i>	<i>J</i>	<code>\mathcal{J}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL J
1D4A6	<i>K</i>	<i>K</i>	<code>\mathcal{K}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL K
1D4A9	<i>N</i>	<i>N</i>	<code>\mathcal{N}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL N
1D4AA	<i>O</i>	<i>O</i>	<code>\mathcal{O}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL O
1D4AB	<i>P</i>	<i>P</i>	<code>\mathcal{P}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL P
1D4AC	<i>Q</i>	<i>Q</i>	<code>\mathcal{Q}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL Q
1D4AE	<i>S</i>	<i>S</i>	<code>\mathcal{S}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL S
1D4AF	<i>T</i>	<i>T</i>	<code>\mathcal{T}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL T
1D4B0	<i>U</i>	<i>U</i>	<code>\mathcal{U}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL U
1D4B1	<i>V</i>	<i>V</i>	<code>\mathcal{V}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL V
1D4B2	<i>W</i>	<i>W</i>	<code>\mathcal{W}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL W
1D4B3	<i>X</i>	<i>X</i>	<code>\mathcal{X}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL X
1D4B4	<i>Y</i>	<i>Y</i>	<code>\mathcal{Y}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL Y
1D4B5	<i>Z</i>	<i>Z</i>	<code>\mathcal{Z}</code>	mathalpha		MATHEMATICAL SCRIPT CAPITAL Z
1D504	<i>A</i>	<i>A</i>	<code>\mathfrak{A}</code>	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL A
1D505	<i>B</i>	<i>B</i>	<code>\mathfrak{B}</code>	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL B
1D507	<i>D</i>	<i>D</i>	<code>\mathfrak{D}</code>	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL D
1D508	<i>E</i>	<i>E</i>	<code>\mathfrak{E}</code>	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL E

No.	Text	Math	Macro	Category	Requirements	Comments
1D509	ℱ	ℱ	\mathfrak{F}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL F
1D50A	ℊ	ℊ	\mathfrak{G}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL G
1D50D	ℋ	ℋ	\mathfrak{H}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL H
1D50E	ℌ	ℌ	\mathfrak{I}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL I
1D50F	ℍ	ℍ	\mathfrak{J}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL J
1D510	ℎ	ℎ	\mathfrak{K}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL K
1D511	ℏ	ℏ	\mathfrak{L}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL L
1D512	ℐ	ℐ	\mathfrak{M}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL M
1D513	ℑ	ℑ	\mathfrak{N}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL N
1D514	ℒ	ℒ	\mathfrak{O}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL O
1D515	ℓ	ℓ	\mathfrak{P}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL P
1D516	ℓ	ℓ	\mathfrak{Q}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL Q
1D517	ℓ	ℓ	\mathfrak{R}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL R
1D518	ℓ	ℓ	\mathfrak{S}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL S
1D519	ℓ	ℓ	\mathfrak{T}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL T
1D51A	ℓ	ℓ	\mathfrak{U}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL U
1D51B	ℓ	ℓ	\mathfrak{V}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL V
1D51C	ℓ	ℓ	\mathfrak{W}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL W
1D51E	ℓ	ℓ	\mathfrak{X}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL X
1D51F	ℓ	ℓ	\mathfrak{Y}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL Y
1D520	ℓ	ℓ	\mathfrak{Z}	mathalpha	eufrak	MATHEMATICAL FRAKTUR CAPITAL Z
1D521	a	a	\mathfrak{a}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL A
1D522	b	b	\mathfrak{b}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL B
1D523	c	c	\mathfrak{c}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL C
1D524	d	d	\mathfrak{d}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL D
1D525	e	e	\mathfrak{e}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL E
1D526	f	f	\mathfrak{f}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL F
1D527	g	g	\mathfrak{g}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL G
1D528	h	h	\mathfrak{h}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL H
1D529	i	i	\mathfrak{i}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL I
1D52A	j	j	\mathfrak{j}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL J
1D52B	k	k	\mathfrak{k}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL K
1D52C	l	l	\mathfrak{l}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL L
1D52D	m	m	\mathfrak{m}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL M
1D52E	n	n	\mathfrak{n}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL N
1D52F	o	o	\mathfrak{o}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL O
1D530	p	p	\mathfrak{p}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL P
1D531	q	q	\mathfrak{q}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Q
1D532	r	r	\mathfrak{r}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL R
1D533	s	s	\mathfrak{s}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL S
1D534	t	t	\mathfrak{t}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL T
1D535	u	u	\mathfrak{u}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL U

No.	Text	Math	Macro	Category	Requirements	Comments
1D533	v	v	\mathfrak{v}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL V
1D534	w	w	\mathfrak{w}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL W
1D535	x	x	\mathfrak{x}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL X
1D536	y	y	\mathfrak{y}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Y
1D537	z	z	\mathfrak{z}	mathalpha	eufrak	MATHEMATICAL FRAKTUR SMALL Z
1D5A0	A	A	A	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL A
1D5A1	B	B	B	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL B
1D5A2	C	C	C	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL C
1D5A3	D	D	D	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL D
1D5A4	E	E	E	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL E
1D5A5	F	F	F	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL F
1D5A6	G	G	G	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL G
1D5A7	H	H	H	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL H
1D5A8	I	I	I	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL I
1D5A9	J	J	J	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL J
1D5AA	K	K	K	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL K
1D5AB	L	L	L	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL L
1D5AC	M	M	M	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL M
1D5AD	N	N	N	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL N
1D5AE	O	O	O	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL O
1D5AF	P	P	P	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL P
1D5B0	Q	Q	Q	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL Q
1D5B1	R	R	R	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL R
1D5B2	S	S	S	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL S
1D5B3	T	T	T	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL T
1D5B4	U	U	U	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL U
1D5B5	V	V	V	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL V
1D5B6	W	W	W	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL W
1D5B7	X	X	X	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL X
1D5B8	Y	Y	Y	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL Y
1D5B9	Z	Z	Z	mathalpha		MATHEMATICAL SANS-SERIF CAPITAL Z
1D5BA	a	a	a	mathalpha		MATHEMATICAL SANS-SERIF SMALL A
1D5BB	b	b	b	mathalpha		MATHEMATICAL SANS-SERIF SMALL B
1D5BC	c	c	c	mathalpha		MATHEMATICAL SANS-SERIF SMALL C
1D5BD	d	d	d	mathalpha		MATHEMATICAL SANS-SERIF SMALL D
1D5BE	e	e	e	mathalpha		MATHEMATICAL SANS-SERIF SMALL E
1D5BF	f	f	f	mathalpha		MATHEMATICAL SANS-SERIF SMALL F
1D5C0	g	g	g	mathalpha		MATHEMATICAL SANS-SERIF SMALL G

No.	Text	Math	Macro	Category	Requirements	Comments
1D5C1	h	h	h	mathalpha		MATHEMATICAL SANS-SERIF SMALL H
1D5C2	i	i	i	mathalpha		MATHEMATICAL SANS-SERIF SMALL I
1D5C3	j	j	j	mathalpha		MATHEMATICAL SANS-SERIF SMALL J
1D5C4	k	k	k	mathalpha		MATHEMATICAL SANS-SERIF SMALL K
1D5C5	l	l	l	mathalpha		MATHEMATICAL SANS-SERIF SMALL L
1D5C6	m	m	m	mathalpha		MATHEMATICAL SANS-SERIF SMALL M
1D5C7	n	n	n	mathalpha		MATHEMATICAL SANS-SERIF SMALL N
1D5C8	o	o	o	mathalpha		MATHEMATICAL SANS-SERIF SMALL O
1D5C9	p	p	p	mathalpha		MATHEMATICAL SANS-SERIF SMALL P
1D5CA	q	q	q	mathalpha		MATHEMATICAL SANS-SERIF SMALL Q
1D5CB	r	r	r	mathalpha		MATHEMATICAL SANS-SERIF SMALL R
1D5CC	s	s	s	mathalpha		MATHEMATICAL SANS-SERIF SMALL S
1D5CD	t	t	t	mathalpha		MATHEMATICAL SANS-SERIF SMALL T
1D5CE	u	u	u	mathalpha		MATHEMATICAL SANS-SERIF SMALL U
1D5CF	v	v	v	mathalpha		MATHEMATICAL SANS-SERIF SMALL V
1D5D0	w	w	w	mathalpha		MATHEMATICAL SANS-SERIF SMALL W
1D5D1	x	x	x	mathalpha		MATHEMATICAL SANS-SERIF SMALL X
1D5D2	y	y	y	mathalpha		MATHEMATICAL SANS-SERIF SMALL Y
1D5D3	z	z	z	mathalpha		MATHEMATICAL SANS-SERIF SMALL Z
1D670	A	A	\mathtt{A}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL A
1D671	B	B	\mathtt{B}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL B
1D672	C	C	\mathtt{C}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL C
1D673	D	D	\mathtt{D}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL D
1D674	E	E	\mathtt{E}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL E
1D675	F	F	\mathtt{F}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL F
1D676	G	G	\mathtt{G}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL G
1D677	H	H	\mathtt{H}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL H
1D678	I	I	\mathtt{I}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL I
1D679	J	J	\mathtt{J}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL J
1D67A	K	K	\mathtt{K}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL K
1D67B	L	L	\mathtt{L}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL L
1D67C	M	M	\mathtt{M}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL M
1D67D	N	N	\mathtt{N}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL N
1D67E	O	O	\mathtt{O}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL O
1D67F	P	P	\mathtt{P}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL P
1D680	Q	Q	\mathtt{Q}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL Q
1D681	R	R	\mathtt{R}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL R
1D682	S	S	\mathtt{S}	mathalpha		MATHEMATICAL MONOSPACE CAPITAL S

No.	Text	Math	Macro	Category	Requirements	Comments
1D683	T	T	<code>\mathtt{T}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL T
1D684	U	U	<code>\mathtt{U}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL U
1D685	V	V	<code>\mathtt{V}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL V
1D686	W	W	<code>\mathtt{W}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL W
1D687	X	X	<code>\mathtt{X}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL X
1D688	Y	Y	<code>\mathtt{Y}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL Y
1D689	Z	Z	<code>\mathtt{Z}</code>	mathalpha		MATHEMATICAL MONOSPACE CAPITAL Z
1D68A	a	a	<code>\mathtt{a}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL A
1D68B	b	b	<code>\mathtt{b}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL B
1D68C	c	c	<code>\mathtt{c}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL C
1D68D	d	d	<code>\mathtt{d}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL D
1D68E	e	e	<code>\mathtt{e}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL E
1D68F	f	f	<code>\mathtt{f}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL F
1D690	g	g	<code>\mathtt{g}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL G
1D691	h	h	<code>\mathtt{h}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL H
1D692	i	i	<code>\mathtt{i}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL I
1D693	j	j	<code>\mathtt{j}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL J
1D694	k	k	<code>\mathtt{k}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL K
1D695	l	l	<code>\mathtt{l}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL L
1D696	m	m	<code>\mathtt{m}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL M
1D697	n	n	<code>\mathtt{n}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL N
1D698	o	o	<code>\mathtt{o}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL O
1D699	p	p	<code>\mathtt{p}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL P
1D69A	q	q	<code>\mathtt{q}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL Q
1D69B	r	r	<code>\mathtt{r}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL R
1D69C	s	s	<code>\mathtt{s}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL S
1D69D	t	t	<code>\mathtt{t}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL T
1D69E	u	u	<code>\mathtt{u}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL U
1D69F	v	v	<code>\mathtt{v}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL V
1D6A0	w	w	<code>\mathtt{w}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL W
1D6A1	x	x	<code>\mathtt{x}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL X
1D6A2	y	y	<code>\mathtt{y}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL Y
1D6A3	z	z	<code>\mathtt{z}</code>	mathalpha		MATHEMATICAL MONOSPACE SMALL Z
1D6A4	<i>ι</i>	<i>ι</i>	<code>\imath</code>	mathalpha		MATHEMATICAL ITALIC SMALL DOTLESS I
1D6A5	<i>Ƶ</i>	<i>Ƶ</i>	<code>\jmath</code>	mathalpha		MATHEMATICAL ITALIC SMALL DOTLESS J
1D6AA	Γ	Γ	<code>\mathbf{\Gamma}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL GAMMA
1D6AB	Δ	Δ	<code>\mathbf{\Delta}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL DELTA
1D6AF	Θ	Θ	<code>\mathbf{\Theta}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL THETA

No.	Text	Math	Macro	Category	Requirements	Comments
1D6B2	Λ	Λ	<code>\mathbf{\Lambda}</code>	mathalpha	-fourier	mathematical bold capital lambda
1D6B5	Ξ	Ξ	<code>\mathbf{\Xi}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL XI
1D6B7	Π	Π	<code>\mathbf{\Pi}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL PI
1D6BA	Σ	Σ	<code>\mathbf{\Sigma}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL SIGMA
1D6BC	Υ	Υ	<code>\mathbf{\Upsilon}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL UPSILON
1D6BD	Φ	Φ	<code>\mathbf{\Phi}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL PHI
1D6BF	Ψ	Ψ	<code>\mathbf{\Psi}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL PSI
1D6C0	Ω	Ω	<code>\mathbf{\Omega}</code>	mathalpha	-fourier	MATHEMATICAL BOLD CAPITAL OMEGA
1D6E4	<i>Γ</i>	<i>Γ</i>	<code>\Gamma</code>	mathalpha	slantedGreek	= <code>\mathit{\Gamma}</code> (-fourier), = <code>\varGamma</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL GAMMA
1D6E5	<i>Δ</i>	<i>Δ</i>	<code>\Delta</code>	mathalpha	slantedGreek	= <code>\mathit{\Delta}</code> (-fourier), = <code>\varDelta</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL DELTA
1D6E9	<i>Θ</i>	<i>Θ</i>	<code>\Theta</code>	mathalpha	slantedGreek	= <code>\mathit{\Theta}</code> (-fourier), = <code>\varTheta</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL THETA
1D6EC	<i>Λ</i>	<i>Λ</i>	<code>\Lambda</code>	mathalpha	slantedGreek	= <code>\mathit{\Lambda}</code> (-fourier), = <code>\varLambda</code> (amsmath fourier), mathematical italic capital lambda
1D6EF	<i>Ξ</i>	<i>Ξ</i>	<code>\Xi</code>	mathalpha	slantedGreek	= <code>\mathit{\Xi}</code> (-fourier), = <code>\varXi</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL XI
1D6F1	<i>Π</i>	<i>Π</i>	<code>\Pi</code>	mathalpha	slantedGreek	= <code>\mathit{\Pi}</code> (-fourier), = <code>\varPi</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PI
1D6F4	<i>Σ</i>	<i>Σ</i>	<code>\Sigma</code>	mathalpha	slantedGreek	= <code>\mathit{\Sigma}</code> (-fourier), = <code>\varSigma</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL SIGMA
1D6F6	<i>Υ</i>	<i>Υ</i>	<code>\Upsilon</code>	mathalpha	slantedGreek	= <code>\mathit{\Upsilon}</code> (-fourier), = <code>\varUpsilon</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL UPSILON
1D6F7	<i>Φ</i>	<i>Φ</i>	<code>\Phi</code>	mathalpha	slantedGreek	= <code>\mathit{\Phi}</code> (-fourier), = <code>\varPhi</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PHI
1D6F9	<i>Ψ</i>	<i>Ψ</i>	<code>\Psi</code>	mathalpha	slantedGreek	= <code>\mathit{\Psi}</code> (-fourier), = <code>\varPsi</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL PSI
1D6FA	<i>Ω</i>	<i>Ω</i>	<code>\Omega</code>	mathalpha	slantedGreek	= <code>\mathit{\Omega}</code> (-fourier), = <code>\varOmega</code> (amsmath fourier), MATHEMATICAL ITALIC CAPITAL OMEGA
1D6FC	<i>α</i>	<i>α</i>	<code>\alpha</code>	mathalpha		= <code>\mathit{\alpha}</code> (omlmathit), MATHEMATICAL ITALIC SMALL ALPHA
1D6FD	<i>β</i>	<i>β</i>	<code>\beta</code>	mathalpha		= <code>\mathit{\beta}</code> (omlmathit), MATHEMATICAL ITALIC SMALL BETA
1D6FE	<i>γ</i>	<i>γ</i>	<code>\gamma</code>	mathalpha		= <code>\mathit{\gamma}</code> (omlmathit), MATHEMATICAL ITALIC SMALL GAMMA
1D6FF	<i>δ</i>	<i>δ</i>	<code>\delta</code>	mathalpha		= <code>\mathit{\delta}</code> (omlmathit), MATHEMATICAL ITALIC SMALL DELTA
1D700	<i>ε</i>	<i>ε</i>	<code>\varepsilon</code>	mathalpha		= <code>\mathit{\varepsilon}</code> (omlmathit), MATHEMATICAL ITALIC SMALL EPSILON
1D701	<i>ζ</i>	<i>ζ</i>	<code>\zeta</code>	mathalpha		= <code>\mathit{\zeta}</code> (omlmathit), MATHEMATICAL ITALIC SMALL ZETA
1D702	<i>η</i>	<i>η</i>	<code>\eta</code>	mathalpha		= <code>\mathit{\eta}</code> (omlmathit), MATHEMATICAL ITALIC SMALL ETA
1D703	<i>θ</i>	<i>θ</i>	<code>\theta</code>	mathalpha		= <code>\mathit{\theta}</code> (omlmathit), MATHEMATICAL ITALIC SMALL THETA

No.	Text	Math	Macro	Category	Requirements	Comments
1D704	ι	ι	<code>\iota</code>	mathalpha		= <code>\mathit{\iota}</code> (omlmathit), MATHEMATICAL ITALIC SMALL IOTA
1D705	κ	κ	<code>\kappa</code>	mathalpha		= <code>\mathit{\kappa}</code> (omlmathit), MATHEMATICAL ITALIC SMALL KAPPA
1D706	λ	λ	<code>\lambda</code>	mathalpha		= <code>\mathit{\lambda}</code> (omlmathit), mathematical italic small lambda
1D707	μ	μ	<code>\mu</code>	mathalpha		= <code>\mathit{\mu}</code> (omlmathit), MATHEMATICAL ITALIC SMALL MU
1D708	ν	ν	<code>\nu</code>	mathalpha		= <code>\mathit{\nu}</code> (omlmathit), MATHEMATICAL ITALIC SMALL NU
1D709	ξ	ξ	<code>\xi</code>	mathalpha		= <code>\mathit{\xi}</code> (omlmathit), MATHEMATICAL ITALIC SMALL XI
1D70B	π	π	<code>\pi</code>	mathalpha		= <code>\mathit{\pi}</code> (omlmathit), MATHEMATICAL ITALIC SMALL PI
1D70C	ρ	ρ	<code>\rho</code>	mathalpha		= <code>\mathit{\rho}</code> (omlmathit), MATHEMATICAL ITALIC SMALL RHO
1D70D	ς	ς	<code>\varsigma</code>	mathalpha		= <code>\mathit{\varsigma}</code> (omlmathit), MATHEMATICAL ITALIC SMALL FINAL SIGMA
1D70E	σ	σ	<code>\sigma</code>	mathalpha		= <code>\mathit{\sigma}</code> (omlmathit), MATHEMATICAL ITALIC SMALL SIGMA
1D70F	τ	τ	<code>\tau</code>	mathalpha		= <code>\mathit{\tau}</code> (omlmathit), MATHEMATICAL ITALIC SMALL TAU
1D710	υ	υ	<code>\upsilon</code>	mathalpha		= <code>\mathit{\upsilon}</code> (omlmathit), MATHEMATICAL ITALIC SMALL UPSILON
1D711	φ	φ	<code>\varphi</code>	mathalpha		= <code>\mathit{\varphi}</code> (omlmathit), MATHEMATICAL ITALIC SMALL PHI
1D712	χ	χ	<code>\chi</code>	mathalpha		= <code>\mathit{\chi}</code> (omlmathit), MATHEMATICAL ITALIC SMALL CHI
1D713	ψ	ψ	<code>\psi</code>	mathalpha		= <code>\mathit{\psi}</code> (omlmathit), MATHEMATICAL ITALIC SMALL PSI
1D714	ω	ω	<code>\omega</code>	mathalpha		= <code>\mathit{\omega}</code> (omlmathit), MATHEMATICAL ITALIC SMALL OMEGA
1D715	∂	∂	<code>\partial</code>	mathord		= <code>\mathit{\partial}</code> (omlmathit), MATHEMATICAL ITALIC PARTIAL DIFFERENTIAL
1D716	ϵ	ϵ	<code>\epsilon</code>	mathalpha		= <code>\mathit{\epsilon}</code> (omlmathit), MATHEMATICAL ITALIC EPSILON SYMBOL
1D717	ϑ	ϑ	<code>\vartheta</code>	mathalpha		= <code>\mathit{\vartheta}</code> (omlmathit), MATHEMATICAL ITALIC THETA SYMBOL
1D719	ϕ	ϕ	<code>\phi</code>	mathalpha		= <code>\mathit{\phi}</code> (omlmathit), MATHEMATICAL ITALIC PHI SYMBOL
1D71A	ϱ	ϱ	<code>\varrho</code>	mathalpha		= <code>\mathit{\varrho}</code> (omlmathit), MATHEMATICAL ITALIC RHO SYMBOL
1D71B	ϖ	ϖ	<code>\varpi</code>	mathalpha		= <code>\mathit{\varpi}</code> (omlmathit), MATHEMATICAL ITALIC PI SYMBOL
1D7CE	0	0	<code>\mathbf{0}</code>	mathord		mathematical bold digit 0
1D7CF	1	1	<code>\mathbf{1}</code>	mathord		mathematical bold digit 1
1D7D0	2	2	<code>\mathbf{2}</code>	mathord		mathematical bold digit 2
1D7D1	3	3	<code>\mathbf{3}</code>	mathord		mathematical bold digit 3
1D7D2	4	4	<code>\mathbf{4}</code>	mathord		mathematical bold digit 4
1D7D3	5	5	<code>\mathbf{5}</code>	mathord		mathematical bold digit 5
1D7D4	6	6	<code>\mathbf{6}</code>	mathord		mathematical bold digit 6
1D7D5	7	7	<code>\mathbf{7}</code>	mathord		mathematical bold digit 7
1D7D6	8	8	<code>\mathbf{8}</code>	mathord		mathematical bold digit 8
1D7D7	9	9	<code>\mathbf{9}</code>	mathord		mathematical bold digit 9
1D7E2	0	0	<code>\mathsf{0}</code>	mathord		mathematical sans-serif digit 0
1D7E3	1	1	<code>\mathsf{1}</code>	mathord		mathematical sans-serif digit 1
1D7E4	2	2	<code>\mathsf{2}</code>	mathord		mathematical sans-serif digit 2
1D7E5	3	3	<code>\mathsf{3}</code>	mathord		mathematical sans-serif digit 3
1D7E6	4	4	<code>\mathsf{4}</code>	mathord		mathematical sans-serif digit 4

No.	Text	Math	Macro	Category	Requirements	Comments
1D7E7	5	5	<code>\mathsf{5}</code>	mathord		mathematical sans-serif digit 5
1D7E8	6	6	<code>\mathsf{6}</code>	mathord		mathematical sans-serif digit 6
1D7E9	7	7	<code>\mathsf{7}</code>	mathord		mathematical sans-serif digit 7
1D7EA	8	8	<code>\mathsf{8}</code>	mathord		mathematical sans-serif digit 8
1D7EB	9	9	<code>\mathsf{9}</code>	mathord		mathematical sans-serif digit 9
1D7F6	0	0	<code>\mathtt{0}</code>	mathord		mathematical monospace digit 0
1D7F7	1	1	<code>\mathtt{1}</code>	mathord		mathematical monospace digit 1
1D7F8	2	2	<code>\mathtt{2}</code>	mathord		mathematical monospace digit 2
1D7F9	3	3	<code>\mathtt{3}</code>	mathord		mathematical monospace digit 3
1D7FA	4	4	<code>\mathtt{4}</code>	mathord		mathematical monospace digit 4
1D7FB	5	5	<code>\mathtt{5}</code>	mathord		mathematical monospace digit 5
1D7FC	6	6	<code>\mathtt{6}</code>	mathord		mathematical monospace digit 6
1D7FD	7	7	<code>\mathtt{7}</code>	mathord		mathematical monospace digit 7
1D7FE	8	8	<code>\mathtt{8}</code>	mathord		mathematical monospace digit 8
1D7FF	9	9	<code>\mathtt{9}</code>	mathord		mathematical monospace digit 9