

$\lim_{x \rightarrow b} a$	lim from {x toward b} a	$a \approx 2$ $a \sim b$ $a \simeq b$	a approx 2, a sim b, a simeq b
$\sum_{i=0}^{\infty} a_i, \prod a$	sum from {i = 0} to {infinity} a_i, prod a	$a \parallel b$ $a \perp b$	a parallel b, a ortho b
$\int_{\alpha}^{\beta} \Gamma(x) dx$	int from {%alpha} to {%beta} %GAMMA(x) dx	$a \leq b$ $a \ll b$	a <= b, a << b
$\iint a dS$ $\iiint a dV$	iint a dS, iiint a dV	$a \geq b$ $a \gg b$	a >= b, a >> b
$\oint \vec{a} \cdot d\vec{l}$	lint vec a ccdot vec dl	$a \propto b$ $a \stackrel{\text{def}}{=} b$	a prop b, a def b
$\frac{\partial^2 f}{\partial x^2}$	{partial^2 f} over {partial x^2}	$a \wedge b$ $a \vee b$	a and b, a or b
\vec{a} \hat{a} \bar{a} \breve{a}	vec a, hat a, bar a, breve a	$a \rightarrow b$ $a \Rightarrow b$	a toward b, a drarrow b, a dlrarrow b, a dlarrow b
\acute{a} \grave{a} \check{a} \textcircled{a} \tilde{a}	acute a, grave a, check a, circle a, tilde a	$a \Leftrightarrow b$ $a \Leftarrow b$	a divides b, a ndivides b
\overrightarrow{abc} \widetilde{abc} \widehat{abc}	widevec abc, widetilde abc, widehat abc	$a \backslash b$ $a \nmid b$	wideslash, widebslash
\dot{a} \ddot{a} ...	dot a, ddot a, dddot a	\downarrow \uparrow \leftarrow \rightarrow	downarrow, uparrow, leftarrow, rightrightarrow
\overline{ab} \underline{ab} $\overline{\text{ab}}$	overline ab, underline ab, overstrike ab	\emptyset \odot \ominus \oplus \otimes	odivide, odot, ominus, oplus, otimes
∞	infinity	\emptyset \aleph	emptyset, aleph
∂ ∇	partial, nabla	$a \in B$ $a \notin B$	a in b, a notin b
\exists \forall ε	exists, forall, backepsilon	$A \cup B$ $A \cap B$	a union b, a intersection b
\hbar λ	hbar, lambdabar	$A \subseteq B$ $A \not\subseteq B$	A subseteq B, A nsubseteq B
\Re \Im	Re, Im	\mathbb{N} \mathbb{Z} \mathbb{Q} \mathbb{R} \mathbb{C}	setN, setZ, setQ, setR, setC
\dots \cdots	dotslow, dotsaxis	$a!$	fact a
\vdots $\dot{\cdot}$ $\ddot{\cdot}$	dotsvert, dotsup, dotsdown	a	bold a
$\left[\begin{matrix} x \\ y \end{matrix} \right]$	left [stack { x # y } right]	$\sin \theta$	size 16 {sin %theta}
$\underbrace{\text{stuff}}_f$ $\overbrace{\text{stuff}}^f$	{stuff} underbrace {f}, {stuff} overbrace {f}	qv qv qv	font sans qv, font serif qv, font fixed qv
${}^b a$ ${}_a a$ a^b	a lsup b, a csup b, a rsup b	qv	color green qv (colors are black, white, cyan, magenta, red, blue, green, yellow)
${}_b a$ ${}_a a$ a_b	a lsub b, a csub b, a rsub b	(a) [a] {a} {a}	(a), [a], lbrace a rbrace, left lbrace stack {a#b} right rbrace
a_b a^b	a_b, a^b	$\llbracket c \rrbracket \left[\begin{matrix} a \\ b \end{matrix} \right]$	ldbracket c rdbracket, left ldbracket stack {a# b} right rdbracket
Hello world	stack{ Hello world # align %rho#alignc a # alignr B }	$ x $ $ a $ $\left \begin{matrix} a \\ b \end{matrix} \right $	abs x, lline a rline, left lline stack {a#b} right rline
ρ		$\ a\ $ $\left\ \begin{matrix} a \\ b \end{matrix} \right\ $	ldline a rdline, left ldline stack {a#b} right rdline
a		$\langle a b \rangle$ $\left\langle \begin{matrix} a \\ b \end{matrix} \middle c \right\rangle$	langle a mline b rangle, left langle stack{a#b} mline c right rangle
$stuff$ $stuff$	stuff `stuff	$\lfloor a \rfloor$ $\lceil a \rceil$	lfloor a rfloor ~ lceil a rceil
$stuff$ $stuff$	stuff~stuff	\sqrt{x} $\sqrt[a]{b}$	sqrt{x}, nroot{a}{b}
± 1 ∓ 1	+ -1, - +1		
$a \cdot b$ $a \times b$ $a \div b$	a ccdot b, a times b, a div b		
$a \circ b$ $\neg a$	a circ b, neg a		
$a = b$ $a \neq 2$ $a \equiv b$	a = b, a <> b, a equiv b		

