

$\alpha$	\alpha	$\theta$	\theta	$\circ$	\circ	$\tau$	\tau
$\beta$	\beta	$\vartheta$	\vartheta	$\pi$	\pi	$\upsilon$	\upsilon
$\gamma$	\gamma	$\gamma$	\gamma	$\varpi$	\varpi	$\phi$	\phi
$\delta$	\delta	$\kappa$	\kappa	$\rho$	\rho	$\varphi$	\varphi
$\epsilon$	\epsilon	$\lambda$	\lambda	$\varrho$	\varrho	$\chi$	\chi
$\varepsilon$	\varepsilon	$\mu$	\mu	$\sigma$	\sigma	$\psi$	\psi
$\zeta$	\zeta	$\nu$	\nu	$\varsigma$	\varsigma	$\omega$	\omega
$\eta$	\eta	$\xi$	\xi				
$\Gamma$	\Gamma	$\Lambda$	\Lambda	$\Sigma$	\Sigma	$\Psi$	\Psi
$\Delta$	\Delta	$\Xi$	\Xi	$\Upsilon$	\Upsilon	$\Omega$	\Omega
$\Theta$	\Theta	$\Pi$	\Pi	$\Phi$	\Phi		

Table 1: Greek Letters

$\pm$	\pm	$\cap$	\cap	$\diamond$	\diamond	$\oplus$	\oplus
$\mp$	\mp	$\cup$	\cup	$\triangleup$	\bigtriangleup	$\ominus$	\ominus
$\times$	\times	$\uplus$	\uplus	$\triangledown$	\bigtriangledown	$\otimes$	\otimes
$\div$	\div	$\sqcap$	\sqcap	$\triangleleft$	\triangleleft	$\oslash$	\oslash
$*$	\ast	$\sqcup$	\sqcup	$\triangleright$	\triangleright	$\odot$	\odot
$\star$	\star	$\vee$	\vee	$\lhd^b$	\lhd <sup>b</sup>	$\bigcirc$	\bigcirc
$\circ$	\circ	$\circlearrowleft$	\circlearrowleft	$\rhd^b$	\rhd <sup>b</sup>	$\dagger$	\dagger
$\bullet$	\bullet	$\setminus$	\setminus	$\unlhd^b$	\unlhd <sup>b</sup>	$\ddagger$	\ddagger
$\cdot$	\cdot	$\wr$	\wr	$\unrhd^b$	\unrhd <sup>b</sup>	$\amalg$	\amalg
$+$	+	$-$	-				

<sup>b</sup> Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 2: Binary Operation Symbols

$\leq$	\leq	$\geq$	\geq	$\equiv$	\equiv	$\models$	\models
$\prec$	\prec	$\succ$	\succ	$\sim$	\sim	$\perp$	\perp
$\preceq$	\preceq	$\succeq$	\succeq	$\simeq$	\simeq	$\mid$	\mid
$\ll$	\ll	$\gg$	\gg	$\asymp$	\asymp	$\parallel$	\parallel
$\subset$	\subset	$\supset$	\supset	$\approx$	\approx	$\bowtie$	\bowtie
$\subseteq$	\subseteq	$\supseteq$	\supseteq	$\cong$	\cong	$\Join^b$	\Join <sup>b</sup>
$\sqsubset$	\sqsubset	$\sqsupset$	\sqsupset	$\neq$	\neq	$\smile$	\smile
$\sqsubseteq$	\sqsubseteq	$\sqsupseteq$	\sqsupseteq	$\doteq$	\doteq	$\frown$	\frown
$\in$	\in	$\ni$	\ni	$\propto$	\propto	$=$	=
$\vdash$	\vdash	$\dashv$	\dashv	$<$	<	$>$	>
:	:						

<sup>b</sup> Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfont`, `newlfont`, `amsfonts` or `amssymb`.

Table 3: Relation Symbols

, , ; ; : \colon . \ldotp \cdotp

Table 4: Punctuation Symbols

$\leftarrow$	$\backslash leftarrow$	$\longleftarrow$	$\backslash longleftarrow$	$\uparrow$	$\backslash uparrow$
$\Leftarrow$	$\backslash Leftarrow$	$\Longleftarrow$	$\backslash Longleftarrow$	$\Updownarrow$	$\backslash Updownarrow$
$\rightarrow$	$\backslash rightarrow$	$\longrightarrow$	$\backslash longrightarrow$	$\Downarrow$	$\backslash Downarrow$
$\Rightarrow$	$\backslash Rightarrow$	$\Longrightarrow$	$\backslash Longrightarrow$	$\Downuparrow$	$\backslash Downuparrow$
$\leftrightarrow$	$\backslash leftrightarrow$	$\longleftrightarrow$	$\backslash longleftrightarrow$	$\Updownarrow$	$\backslash Updownarrow$
$\Leftrightarrow$	$\backslash Leftrightarrow$	$\Longleftrightarrow$	$\backslash Longleftrightarrow$	$\Updownarrow$	$\backslash Updownarrow$
$\mapsto$	$\backslash mapsto$	$\longmapsto$	$\backslash longmapsto$	$\nearrow$	$\backslash nearrow$
$\hookleftarrow$	$\backslash hookleftarrow$	$\hookrightarrow$	$\backslash hookrightarrow$	$\searrow$	$\backslash searrow$
$\leftharpoonup$	$\backslash leftharpoonup$	$\rightharpoonup$	$\backslash rightharpoonup$	$\swarrow$	$\backslash swarrow$
$\leftharpoonondown$	$\backslash leftharpoonondown$	$\rightharpoonondown$	$\backslash rightharpoonondown$	$\nwarrow$	$\backslash nwarrow$
$\rightleftharpoons$	$\backslash rightleftharpoons$	$\leadsto^b$	$\backslash leadsto^b$		

<sup>b</sup> Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfnt`, `newlfnt`, `amsfonts` or `amssymb`.

Table 5: Arrow Symbols

...	$\ldots$	$\backslash ldots$	...	$\cdots$	$\backslash cdots$	:	$\vdots$	$\backslash vdots$	..	$\ddots$	$\backslash ddots$
$\aleph$	$\aleph$	$\backslash aleph$	/	$\prime$	$\backslash prime$	$\forall$	$\forall$	$\backslash forall$	$\infty$	$\backslash infinity$	
$\hbar$	$\hbar$	$\backslash hbar$	$\emptyset$	$\emptyset$	$\backslash emptyset$	$\exists$	$\exists$	$\backslash exists$	$\square$	$\backslash Box^b$	
$i$	$i$	$\backslash imath$	$\nabla$	$\nabla$	$\backslash nabla$	$\neg$	$\neg$	$\backslash neg$	$\diamond$	$\backslash Diamond^b$	
$j$	$j$	$\backslash jmath$	$\vee$	$\vee$	$\backslash surd$	$\flat$	$\flat$	$\backslash flat$	$\triangle$	$\backslash triangle$	
$\ell$	$\ell$	$\backslash ell$	$\top$	$\top$	$\backslash top$	$\natural$	$\natural$	$\backslash natural$	$\clubsuit$	$\backslash clubsuit$	
$\wp$	$\wp$	$\wp$	$\bot$	$\bot$	$\backslash bot$	$\sharp$	$\sharp$	$\backslash sharp$	$\diamondsuit$	$\backslash diamondsuit$	
$\Re$	$\Re$	$\Re$	$\parallel$	$\parallel$	$\backslash \parallel$	$\backslash$	$\backslash$	$\backslash backslash$	$\heartsuit$	$\backslash heartsuit$	
$\Im$	$\Im$	$\Im$	$\angle$	$\angle$	$\backslash angle$	$\partial$	$\partial$	$\backslash partial$	$\spadesuit$	$\backslash spadesuit$	
$\mho$	$\mho$	$\mho$	$\cdot$	$\cdot$		$ $	$ $				

<sup>b</sup> Not predefined in a format based on `basefont.tex`. Use one of the style options `oldlfnt`, `newlfnt`, `amsfonts` or `amssymb`.

Table 6: Miscellaneous Symbols

$\sum$	$\backslash sum$	$\bigcap$	$\backslash bigcap$	$\odot$	$\backslash bigodot$
$\prod$	$\backslash prod$	$\bigcup$	$\backslash bigcup$	$\otimes$	$\backslash bigotimes$
$\coprod$	$\backslash coprod$	$\sqcup$	$\backslash bigsqcup$	$\oplus$	$\backslash bigoplus$
$\int$	$\backslash int$	$\bigvee$	$\backslash bigvee$	$\uplus$	$\backslash biguplus$
$\oint$	$\backslash oint$	$\wedge$	$\backslash bigwedge$		

Table 7: Variable-sized Symbols

$\arccos$	$\cos$	$\csc$	$\exp$	$\ker$	$\limsup$	$\min$	$\sinh$
$\arcsin$	$\cosh$	$\deg$	$\gcd$	$\lg$	$\ln$	$\Pr$	$\sup$
$\arctan$	$\cot$	$\det$	$\hom$	$\lim$	$\log$	$\sec$	$\tan$
$\arg$	$\coth$	$\dim$	$\inf$	$\liminf$	$\max$	$\sin$	$\tanh$

Table 8: Log-like Symbols

(	$\backslash ($	)	$\backslash )$	$\uparrow$	$\backslash uparrow$	$\uparrow$	$\backslash Uparrow$
[	$\backslash [$	]	$\backslash ]$	$\downarrow$	$\backslash downarrow$	$\downarrow$	$\backslash Downarrow$
{	$\backslash \{$	}	$\backslash \}$	$\updownarrow$	$\backslash updownarrow$	$\Updownarrow$	$\backslash Updownarrow$
$\lfloor$	$\lfloor$	$\rfloor$	$\rfloor$	$\lceil$	$\lceil$	$\rceil$	$\rceil$
$\langle$	$\backslash langle$	$\rangle$	$\backslash range$	/	/	/	$\backslash backslash$
	$\backslash  $		$\backslash  $				

Table 9: Delimiters

$\left\{$	<code>\rmoustache</code>	$\left\{$	<code>\lmoustache</code>	$\right\}$	<code>\rgroup</code>	$\left($	<code>\lgroup</code>
$\left\ $	<code>\arrowvert</code>	$\left\ $	<code>\Arrowvert</code>	$\right\ $	<code>\bracevert</code>		

Table 10: Large Delimiters

$\hat{a}$	<code>\hat{a}</code>	$\acute{a}$	<code>\acute{a}</code>	$\bar{a}$	<code>\bar{a}</code>	$\dot{a}$	<code>\dot{a}</code>	$\breve{a}$	<code>\breve{a}</code>
$\check{a}$	<code>\check{a}</code>	$\grave{a}$	<code>\grave{a}</code>	$\vec{a}$	<code>\vec{a}</code>	$\ddot{a}$	<code>\ddot{a}</code>	$\tilde{a}$	<code>\tilde{a}</code>

Table 11: Math mode accents

$\widetilde{abc}$	<code>\widetilde{abc}</code>	$\widehat{abc}$	<code>\widehat{abc}</code>
$\overleftarrow{abc}$	<code>\overleftarrow{abc}</code>	$\overrightarrow{abc}$	<code>\overrightarrow{abc}</code>
$\overline{abc}$	<code>\overline{abc}</code>	$\underline{abc}$	<code>\underline{abc}</code>
$\overbrace{abc}$	<code>\overbrace{abc}</code>	$\underbrace{abc}$	<code>\underbrace{abc}</code>
$\sqrt{abc}$	<code>\sqrt{abc}</code>	$\sqrt[n]{abc}$	<code>\sqrt[n]{abc}</code>
$f'$	<code>f'</code>	$\frac{abc}{xyz}$	<code>\frac{abc}{xyz}</code>

Table 12: Some other constructions