α	\alpha	θ	\theta	o	o	τ	\tau
β	\beta	ϑ	\vartheta	π	\pi	υ	\upsilon
γ	\gamma	γ	\gamma	ϖ	\varpi	ϕ	\phi
δ	\delta	κ	\kappa	ρ	\rho	φ	\varphi
ϵ	\epsilon	λ	\lambda	ϱ	\varrho	χ	\chi
ε	\varepsilon	μ	\mu	σ	\sigma	ψ	\psi
ζ	\zeta	ν	\nu	ς	\varsigma	ω	\omega
η	\eta	ξ	\xi				
Γ	\Gamma	Λ	\Lambda	Σ	\Sigma	Ψ	\Psi
Δ	\Delta	Ξ	\Xi	Υ	\Upsilon	Ω	\Omega
Θ	\Theta	Π	\Pi	Φ	\Phi		

Table 1: Greek Letters

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

^{b} 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	$\Join$	\Join^b
$\sqsubset$	\sqsubset^b	$\sqsupset$	\sqsupset^b	$\neq$	\neq	$\smile$	\smile
$\sqsubseteq$	\sqsubseteq	$\sqsupseteq$	\sqsupseteq	$\doteq$	\doteq	$\frown$	\frown
$\in$	\in	$\ni$	\ni	$\propto$	\propto	$=$	=
$\vdash$	\vdash	$\dashv$	\dashv	$<$	<	$>$	>
$:$	:						

^{b} 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	$\cdot$	\cdotp

Table 4: Punctuation Symbols

←	`\leftarrow`	⟵	`\longleftarrow`	↑	`\uparrow`
⇐	`\Leftarrow`	⟸	`\Longleftarrow`	⇑	`\Uparrow`
→	`\rightarrow`	⟶	`\longrightarrow`	↓	`\downarrow`
⇒	`\Rightarrow`	⟹	`\Longrightarrow`	⇓	`\Downarrow`
↔	`\leftrightarrow`	⟷	`\longleftrightarrow`	↕	`\updownarrow`
⇔	`\Leftrightarrow`	⟺	`\Longleftrightarrow`	⇕	`\Updownarrow`
↦	`\mapsto`	⟼	`\longmapsto`	↗	`\nearrow`
↩	`\hookleftarrow`	↪	`\hookrightarrow`	↘	`\searrow`
↼	`\leftharpoonup`	⇀	`\rightharpoonup`	↙	`\swarrow`
↽	`\leftharpoondown`	⇁	`\rightharpoondown`	↖	`\nwarrow`
⇌	`\rightleftharpoons`	⇝	`\leadsto`[b]		

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

Table 5: Arrow Symbols

…	`\ldots`	⋯	`\cdots`	⋮	`\vdots`	⋱	`\ddots`
ℵ	`\aleph`	′	`\prime`	∀	`\forall`	∞	`\infty`
ℏ	`\hbar`	∅	`\emptyset`	∃	`\exists`	□	`\Box`[b]
ı	`\imath`	∇	`\nabla`	¬	`\neg`	◇	`\Diamond`[b]
ȷ	`\jmath`	√	`\surd`	♭	`\flat`	△	`\triangle`
ℓ	`\ell`	⊤	`\top`	♮	`\natural`	♣	`\clubsuit`
℘	`\wp`	⊥	`\bot`	♯	`\sharp`	◇	`\diamondsuit`
ℜ	`\Re`	∥	`|`	\	`\backslash`	♡	`\heartsuit`
ℑ	`\Im`	∠	`\angle`	∂	`\partial`	♠	`\spadesuit`
℧	`\mho`[b]	.	`.`	|	`|`		

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

Table 6: Miscellaneous Symbols

∑	`\sum`	⋂	`\bigcap`	⊙	`\bigodot`
∏	`\prod`	⋃	`\bigcup`	⊗	`\bigotimes`
∐	`\coprod`	⊔	`\bigsqcup`	⊕	`\bigoplus`
∫	`\int`	⋁	`\bigvee`	⊎	`\biguplus`
∮	`\oint`	⋀	`\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

(	(	)	)	↑	\uparrow	⇑	\Uparrow
[	[	]	]	↓	\downarrow	⇓	\Downarrow
{	\{	}	\}	↕	\updownarrow	⇕	\Updownarrow
⌊	\lfloor	⌋	\rfloor	⌈	\lceil	⌉	\rceil
⟨	\langle	⟩	\rangle	/	/	\	\backslash
|	|	‖	\\|				

Table 9: Delimiters

⎰	\rmoustache	⎱	\lmoustache	⎱	\rgroup	⎰	\lgroup
⎮	\arrowvert	‖	\Arrowvert	⎮	\bracevert		

Table 10: Large Delimiters

$\hat{a}$	\hat{a}	$\acute{a}$	\acute{a}	$\bar{a}$	\bar{a}	$\dot{a}$	\dot{a}	$\breve{a}$	\breve{a}
$\check{a}$	\check{a}	$\grave{a}$	\grave{a}	$\vec{a}$	\vec{a}	$\ddot{a}$	\ddot{a}	$\tilde{a}$	\tilde{a}

Table 11: Math mode accents

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

Table 12: Some other constructions

	newlfont/margid	oldlfont/nomargid	Requried style option
ABCdef	\mathrm{ABCdef}	{\mathrm ABCdef}	
$\mathcal{ABC}$	\cal{ABC}	{\cal ABC}	
$\mathfrak{ABCdef}$	\frak{ABCdef}	{\frak ABCdef}	amsfonts or amssymb
$\mathbb{ABC}$	\Bbb{ABC}	{\Bbb ABC}	amsfonts or amssymb

Table 13: Math Alphabets