		~ .	
Table	1.	(treek	Letters

α	\alpha	β	\beta	γ	\gamma	δ	\delta	ϵ	\epsilon
ε	\varepsilon	ζ	\zeta	η	\eta	θ	\theta	ϑ	\vartheta
κ	\kappa	λ	\lambda	μ	\mu	ν	\nu	ξ	\xi
o	0	π	\pi	$\overline{\omega}$	\varpi	ρ	\rho	ρ	\varrho
σ	\sigma	ς	\varsigma	τ	\tau	v	\upsilon	ϕ	\phi
φ	\varphi	χ	\chi	ψ	\psi	ω	\omega		
Γ	\Gamma	Δ	\Delta	Θ	\Theta	Λ	\Lambda	Ξ	\Xi
П	\Pi	Σ	\Sigma	Υ	\Upsilon	Φ	\Phi	Ψ	\Psi
Ω	\Omega								

Table 2: Greek Letters

土	\pm	\cap	\cap	\$	\diamond	\oplus	\oplus		\cdot
干	\mp	U	\cup	Δ	\bigtriangleup	Θ	\ominus	}	\wr
×	\times	₩	\uplus	∇	\bigtriangledown	\otimes	\otimes	⊵	$ackslash \mathrm{unrhd}^b$
÷	\div	П	\sqcap	◁	\triangleleft	0	\oslash	П	\amalg
*	\ast	Ш	\sqcup	\triangleright	\triangleright	0	\odot	‡	\ddagger
*	\star	V	\vee	\triangleleft	$\backslash \mathtt{lhd}^b$	0	\bigcirc	⊴	$ackslash \mathrm{unlhd}^b$
0	\circ	Λ	\wedge	\triangleright	$ackslash{ ext{rhd}^b}$	†	\dagger	\	\setminus
•	\bullet	\	\setminus	+	+	_	_		

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

Table 3: Binary Operation Symbols

\leq	\leq	\geq	\geq	=	\equiv	=	\models
\prec	\prec	\succ	\succ	\sim	\sim	\perp	\perp
\preceq	\preceq	\succeq	\succeq	\simeq	\simeq		\mid
\ll	\11	\gg	\gg	\simeq	\asymp		\parallel
\subset	\subset	\supset	\supset	\approx	\approx	\bowtie	\bowtie
\subseteq	\subseteq	\supseteq	\supseteq	\cong	\cong	\bowtie	$\setminus exttt{Join}^b$
	$ackslash$ sqsubset b	\supset	$ackslash ext{sqsupset}^b$	\neq	\neq	\smile	\smile
	\sqsubseteq	\supseteq	\sqsupseteq	$\dot{=}$	\doteq	$\overline{}$	\frown
\in	\in	\ni	\ni	\propto	\propto	=	=
\vdash	\vdash	\dashv	\dashv	<	<	>	>
:	:						

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Table 4: Relation Symbols

,	,		;	;	:	\colon		\ldotp		\cdotp
---	---	--	---	---	---	--------	--	--------	--	--------

Table 5: Punctuation Symbols

\leftarrow	\leftarrow	\leftarrow	$\label{longleftarrow}$	\uparrow	\uparrow
\Leftarrow	\Leftarrow	\iff	\Longleftarrow	\uparrow	\Uparrow
\rightarrow	\rightarrow	\longrightarrow	$\label{longright} \$	\downarrow	\downarrow
\Rightarrow	\Rightarrow	\Longrightarrow	\L ongrightarrow	\Downarrow	\Downarrow
\leftrightarrow	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	\longleftrightarrow	$\label{longleftrightarrow}$	\updownarrow	\updownarrow
\Leftrightarrow	\Leftrightarrow	\iff	\Longleftrightarrow	\$	\Updownarrow
\mapsto	\mapsto	\longmapsto	$\label{longmapsto}$	7	\nearrow
\leftarrow	\hookleftarrow	\hookrightarrow	\hookrightarrow	V	\searrow
_	\leftharpoonup	\rightarrow	\rightharpoonup	/	\swarrow
$\overline{}$	\leftharpoondown	\rightarrow	\rightharpoondown	_	\nwarrow
\rightleftharpoons	\rightleftharpoons	\sim	$ackslash ext{leadsto}^b$		

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

Table 6: Arrow Symbols

	\ldots		\cdots	:	\vdots	٠٠.	\ddots		
×	\aleph	1	\prime	\forall	\forall	∞	\infty		
\hbar	\hbar	Ø	\emptyset	\exists	\exists		${ extstyle { extstyle {\extstyle { extstyle { extstyle { extstyle { extstyle {\extstyle {\extstyl$		
\imath	$\$ imath	∇	\nabla	\neg	\neg	\Diamond	$ackslash exttt{Diamond}^b$		
J	$\$ jmath		\surd	þ	\flat	\triangle	\triangle		
ℓ	\ell	Т	\top	þ	\natural	*	\clubsuit		
Ø	\wp	\perp	\bot	#	\sharp	\Diamond	\diamondsuit		
\Re	\Re		\ I	\	\backslash	\Diamond	\heartsuit		
\Im	\Im	7	\angle	∂	\partial		\spadesuit		
Ω	\label{mho}^b		•		1				
^b Not pre	edefined in	a for	rmat based or	n bas	sefont.tex. U	se one	e of the style options		
		oldl	font, newlfo	nt, a	msfonts or am	ssyml	0.		
			Table 7: Mis	scella	aneous Symbols	\mathbf{S}			
\sum \sum \bigcap \bigcap \bigodot \bigodot									

\sum	\sum	\cap	\bigcap	\odot	\bigodot
\prod	\prod	U	\bigcup	\otimes	\bigotimes
\coprod	\coprod		\bigsqcup	\oplus	\bigoplus
ſ	$\$ int	V	\bigvee	\forall	\biguplus
∮	\oint	\wedge	\bigwedge		

Table 8: Variable-sized Symbols

\arccos	\cos	\csc	\exp	\ker	\label{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 9: Log-like Symbols

(())	\uparrow	\uparrow	\uparrow	\Uparrow
[[]]	\downarrow	\downarrow	\Downarrow	\Downarrow
{	\{	}	\}	\updownarrow	\updownarrow	1	\Updownarrow
Ĺ	\lfloor	j	\rfloor	ĺ	\lceil	ĺ	\rceil
($\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	\rangle	\rangle	/	/	\	\backslash
ĺ	1		\				

Table 10: Delimiters

	\rmoustache	ſ	\lmoustache	\rgroup	\lgroup
ĺ	\arrowvert		\Arrowvert	\bracevert	

Table 11: Large Delimiters

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

Table 12: Math mode accents

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

Table 13: Some other constructions