TEX SYMBOLS

Large Operators

$\sum \setminus \text{sum}$	$\bigcap \setminus \text{bigcap}$	\bigcirc \bigodot
$\prod \operatorname{\backslash prod}$	$\bigcup \setminus \text{bigcup}$	\bigotimes \bigotimes
$\coprod \backslash coprod$	∐ \bigsqcup	$\bigoplus \setminus \text{bigoplus}$
$\int \setminus int$	$\bigvee $ \bigvee	+ \biguplus
∮ \oint	\bigwedge \bigwedge	

Binary Relations

$\pm \pm$	$\cap \setminus \text{cap}$	$\vee \vee e, \operatorname{lor}$
$\mp \mbox{mp}$	∪ \cup	$\land \lor wedge, \lor land$
\\setminus	⊎ \uplus	$\oplus \setminus \text{oplus}$
$\cdot \setminus \operatorname{cdot}$	$\sqcap \backslash \mathrm{sqcap}$	$\ominus \setminus \text{ominus}$
$\times \setminus \text{times}$	⊔ \sqcup	$\otimes \setminus otimes$
$* \setminus ast$	$\triangleleft \$ triangleleft	$\oslash \setminus oslash$
⋆ \star	$ ightharpoonup \setminus \text{triangleright}$	$\odot \setminus odot$
♦ \diamond	≀\wr	† \dagger
$\circ \setminus circ$	○ \bigcirc	‡ \ddagger
• \bullet	÷ \div	∐ \amalg
\triangle \bigtriangleup	∇ \bigtriangledown	

Relations

$\leq \leq $	$\geq \lg eq, \lg e$	$\sim \slash$ sim
$\prec \backslash \text{prec}$	$\succ \setminus \text{succ}$	$\simeq \slash$ simeq
$\leq $	$\succeq \setminus succeq$	$\approx \text{\asymp}$
≪ \ll	$\gg \lg g$	$\approx \text{}$ approx
$\subset \setminus \text{subset}$	⊃\supset	$\cong \backslash cong$
$\subseteq \setminus \text{subseteq}$	⊇\supseteq	$\propto \text{\ }$ propto
	≠ \neq	$\models \backslash \text{models}$
$\in \setminus$ in	∋ \ni, \owns	≐ \doteq
⊢ \vdash	⊣ \dashv	$\perp \text{ \perp}^-$
≡ \equiv	⊢\dashv	⋈ \bowtie

 $\bf Remark$ \not negates most relations.

Arrows

$\leftarrow \exists \text{leftarrow}, \exists \text{gets}$	\leftarrow \longleftarrow	↑ \uparrow
$\Leftarrow \setminus \text{Leftarrow}$	$\iff \setminus \text{Longleftarrow}$	$\uparrow \setminus Uparrow$
$\rightarrow \land rightarrow, \land to$	$\longrightarrow \setminus longrightarrow$	$\downarrow \setminus downarrow$
$\Rightarrow \setminus Rightarrow$	$\Longrightarrow \setminus \text{Longrightarrow}$	$\downarrow \setminus Downarrow$
$\leftrightarrow \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	$\longleftrightarrow \setminus longleftrightarrow$	
$\Leftrightarrow \backslash \text{Leftrightarrow}$	\iff \Longleftrightarrow	v∬i∰Updownarrow
$\mapsto \setminus \text{mapsto}$	$\longrightarrow \setminus longmapsto$	/\nearrow
$\hookrightarrow \backslash \text{hookleftarrow}$	$\leftarrow \setminus \text{hookrightarrow}$	\ \searrow
← \leftharpoonup	ightharpoonup	/\swarro
← \leftharpoondown	→ \rightharpoondown	\\nwarrow
\rightleftharpoons \rightleftharpoons	•	

Openings and Closings

$[\ \]$	$\{\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	[\lfloor	$\langle \ $ langle	\lceil
] \rbrack	} \rbrace] \rfloor	$\rangle \ $]\rceil

Miscellaneous Symbols

ℵ \aleph	$\hbar \setminus \text{hbar}$	$i \setminus imath$
$j \setminus j$ math	ℓ \ell	$\wp \setminus wp$
ℜ \Re	$\Im \operatorname{Im}$	$\partial \setminus \text{partial}$
$\infty \setminus \text{infty}$	/\prime	$\emptyset \setminus \text{emptyset}$
∇ \nabla	$\sqrt{\text{surd}}$	$\top \setminus top$
$\perp \setminus bot$	$ \ , \ $	$\ \cdot \ $, \Vert
∠ \angle	$\triangle \setminus \text{triangle}$	\ \backslash
$\forall \ \backslash forall$	∃ \exists	$\neg \setminus \text{neg}, \setminus \text{lnot}$
♭ \flat	は \natural	#\sharp
♣ \clubsuit	$\Diamond \setminus diamondsuit$	$\heartsuit \setminus \text{heartsuit}$
♠ \spadesuit	§ \S	$\P \setminus P$

Math Accents

$\hat{a} \setminus \text{hat a}$	$\grave{a} \setminus \text{grave a}$	$\bar{a} \setminus \text{bar a}$
\check{a} \check a	$\dot{a} \setminus dot a$	$\vec{a} \setminus \text{vec a}$
\tilde{a} \tilde a	$\ddot{a} \setminus ddot a$	\widehat{ab} \widehatab
\acute{a} \acute a	\breve{a} \breve a	\widetilde{ab} \widetildeab