Symbols in math-mode

{	{	{	{	{
\{	$\verb \big { } $	$\texttt{\Big} \setminus \{$	$\big(\big) $	$\Bigg\{$
} \}	[]		 \
 \cdots	: \vdots	· \ddots	<pre> \subset</pre>	\supset \supset
\subseteq \subseteq	$\supseteq \ ackslash$ supseteq	\in \in	∋ \ni	\propto \propto
$\underset{\texttt{\scale}}{\sim}$	$\simeq \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	pprox	$\cong \setminus \mathtt{cong}$	\cdot
$_{ m pm}^{\pm}$	\mp	\times \times	÷ \div	* \ast
* \star	o \circ	• \bullet	\odot \odot	† \dagger
\otimes \otimes	\oplus \oplus	∩ \cap	\cup \cup	⊎ \uplus
$\begin{array}{c} \triangle \\ \texttt{\bigtriangleup} \end{array}$	$\bigtriangledown \\ \texttt{\bigtriangledown}$	$\neq \\ $	$\not \leqslant$ \nleqslant	≱ \ngeqslant
\leqslant \leqslant	\geqslant \geqslant	≪ \11	≫ \gg	⟨ √ 111
$\stackrel{<}{\sim}$ \lesssim	$\gtrsim \ \setminus ext{gtrsim}$	$\not < \\ \texttt{\nless}$	> \ngtr	>>> \ggg

\hbar \hbar	\imath \imath	\mathcal{J} \jmath	$\ell \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	ℜ \Re
∞ \infty	∂ \partial	abla	orall	$\exists \\ \texttt{\exists}$
3 \ \Im	op	$egin{array}{c} \bot \\ ackslash \mathrm{bot} \end{array}$	† \dag	‡ \ddag
$\sum_{ ext{sum}}$	$\prod_{ extstyle $	$\int $ \int	$\oint_{\texttt{oint}}$	\triangle \triangle
$\emptyset \\ \backslash \texttt{emptyset}$	∩ \bigcap	U \bigcup	+ \biguplus	$\bigoplus_{ ext{bigoplus}}$
$\bigotimes_{\texttt{bigotimes}}$	⊙ \bigodot	$R \\ \texttt{\mbox{\tt mathbf}}\{\mathtt{R}\}$	$\mathcal{R} \\ \texttt{\mbox{\tt mathcal}}\{\mathtt{R}\}$	$\mathbb{R} \\ \texttt{\mbox{\tt mathbb}}\{\mathtt{R}\}$

International accents

Functions 3

$\cos \$	$\sin \sin$	tan \tan	$\cosh \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	$\sinh \slash$ sinh
tanh \tanh	$\inf_{ \setminus {\tt inf}}$	$\sup_{\setminus \mathtt{sup}}$	$\cot \ \setminus \cot$	$\min \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
$\max_{\text{\ max}}$	$\begin{array}{c} \coth \\ \backslash \mathtt{coth} \end{array}$	$\exp \\ \langle \exp$	$\ln \\ $	$\log \ \log$
arg \arg	ker \ker	\sec	$\gcd \\ \backslash \texttt{gcd}$	$\dim \backslash {\tt dim}$
$\det \setminus \det$	$\hom \\ \backslash \texttt{hom}$	csc \csc	$\lg \\ $	arccos \arccos
arcsin	arctan \arctan	$\lim_{\text{\lim}}$	$\liminf \\ \texttt{\liminf}$	$\limsup $

LaTeX constructions

Greek Letters

α	β	γ	δ	ϵ
α	\beta	$\backslash \mathtt{gamma}$	$ackslash ext{delta}$	\epsilon
arepsilon	ζ	η	θ	ϑ
\varepsilon	\zeta	\eta	ackslashtheta	\vartheta
ι	κ	λ	μ	u
\iota	\setminus kappa	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	\mu	\nu
ξ	π	$\overline{\omega}$	ho	ϱ
\xi	\pi	\varpi	ρ	$\backslash ext{varrho}$
σ	ς	au	v	ϕ
$\backslash \mathtt{sigma}$	ς	\tau	$\setminus upsilon$	ϕ
arphi	χ	ψ	ω	Γ
\varphi	\chi	\psi	$\backslash \mathtt{omega}$	$\backslash \mathtt{Gamma}$
Δ	Θ	Λ	Ξ	П
$\backslash exttt{Delta}$	$\backslash exttt{Theta}$	$\backslash {\tt Lambda}$	$\backslash \mathtt{Xi}$	\Pi
\sum	Υ	Φ	Ψ	Ω
\Sigma		\Phi	\Psi	$\setminus \mathtt{Omega}$

Typeface in math-mode

abcABC	abcABC	${f abcABC}$	abcABC
$\ensuremath{\verb emph{abcABC} }$	$\text{\textrm}\{abcABC\}$	$\text{ar textbf}\{ ext{abcABC}\}$	\textit{abcABC}
emphasis	roman	bold	italic
ABCABC	abcABC	abcABC	abcABC
\textsc{abcABC}	\textsl{abcABC}	$\texttt{ar{textmd}}\{\texttt{abcABC}\}$	\textsf{abcABC}
CAPS	slanted	medium	sans
abcABC	\mathcal{ABC}	\mathbb{ABC}	abcABC
$\mbox{\tt mathbf\{abcABC\}}$	${\tt \mbox{\tt mathcal}\{ABC\}}$	$\mbox{\tt mathbb}\{{\tt ABC}\}$	$\mbox{\tt mathrm}\{\mbox{\tt abcABC}\}$
mathbf	mathcal	mathbb	mathrm
abcABC	abcABC		
\texttt{abcABC}	\verb"abcABC"		
tt	verbatim		