Symbols in math-mode

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$\emptyset \\ \backslash \texttt{emptyset}$	∩ \bigcap	∪ \bigcup	\biguplus	\bigoplus \bigoplus
⊗ \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	\tan	\cosh	\sinh
\cos	$\setminus exttt{sin}$	$\backslash an$	$\backslash \mathtt{cosh}$	$\setminus \mathtt{sinh}$
tanh	inf	sup	cot	min
$\setminus \mathtt{tanh}$	$\setminus \mathtt{inf}$	$\setminus extsf{sup}$	$\setminus \mathtt{cot}$	$\backslash \mathtt{min}$
$\max_{\texttt{\mbox{\it max}}}$	$\coth \\ \backslash \mathtt{coth}$	$\exp \\ \langle \exp$	$\ln \\ \backslash \texttt{ln}$	$\log \ \log$
arg \arg	\ker	sec \sec	$\gcd \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	$\dim \backslash {\tt dim}$
$\det \setminus \det$	$\hom \\ \backslash \texttt{hom}$	csc \csc	$\frac{\lg}{\lg}$	arccos
arcsin	arctan \arctan	$\lim_{\text{\lim}}$	$\liminf \\ \texttt{\liminf}$	$\limsup_{\text{\limsup}}$

LaTeX constructions

Greek Letters

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

$abcABC \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	abcABC \textrm{abcABC} roman	$\begin{array}{c} \mathbf{abcABC} \\ \setminus textbf\{abcABC\} \\ \mathbf{bold} \end{array}$	$abcABC \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
ABCABC \textsc{abcABC} CAPS	$\begin{array}{c} abcABC \\ \texttt{\textsl\{abcABC\}} \\ \text{slanted} \end{array}$	$\begin{array}{c} abcABC \\ \texttt{\textmd}\{abcABC\} \\ medium \end{array}$	$\begin{array}{c} abcABC \\ \setminus textsf \{ abcABC \} \\ \mathrm{sans} \end{array}$
$\begin{array}{c} \mathbf{abcABC} \\ \backslash \mathtt{mathbf} \{\mathtt{abcABC}\} \\ \mathrm{mathbf} \end{array}$	\mathcal{ABC} \mathcal{ABC} mathcal	\mathbb{ABC} \mathbb{ABC} mathbb	$\begin{array}{c} abcABC \\ \texttt{\mbox{mathrm}\{abcABC\}} \\ mathrm \end{array}$
$\begin{array}{c} \mathtt{abcABC} \\ \mathtt{\texttt} \{\mathtt{abcABC}\} \\ \mathtt{\texttt} \end{array}$	abcABC \verb"abcABC" verbatim		