Cheat sheet: config.tex, Ver: November 5, 2018

References					Greek letter				Auto-adjust size	Auto-adjust size	
	, 0.0				command	output	command	output	command	output	
					\alpha	α	\bfalpha	α	\set{x}	$\{x\}$	
					\beta	β	\bfbeta	$oldsymbol{eta}$	\ceil{x}	$\begin{bmatrix} x \end{bmatrix}$	
					\gamma	γ	\bfgamma	γ	\floor{x}	$\begin{bmatrix} x \\ x \end{bmatrix}$	
					\Gamma	$\overset{'}{\Gamma}$	\bfGamma	$\overset{'}{\Gamma}$	\norm{x}	x	
					\delta	δ	\bfdelta	δ	\abs{x}	x	
					\Delta	Δ	\bfDelta	Δ	\paren{x}	(x)	
command					\eps	ε	\bfeps	ε	\sbrak{x}	[x]	
					\zeta	ζ	\bfzeta	ζ	\dotp{a}{b}	$a \cdot b$	
	output			output	\eta	η	\bfeta	η	\inner{a}{b}	$\langle a,b \rangle$	
			command		\theta	θ	\bftheta	θ	\outerp{x}	xx^{T}	
	Figure			Section ??	\Theta	Θ	\bfTheta	Θ	\outerpp{x-b}	$(x-b)(x-b)^T$	
	_	on (??)		Algorithm ??	\iota	ι	\bfiota	ι	\tr{x}	$\operatorname{Tr}(x)$	
	Definit	\ /		Theorem ??	\kappa	κ	\bfkappa	κ	\Exp{x}{a}	$\mathbb{E}_a[x]$	
	Lemma ??			Corollary ??	\lambda	λ	\bflambda	λ	$\CondExp{x}{y}{a}$	$\mathbb{E}_a[x y]$	
	Proposition ??				\Lambda	Λ	\bfLambda	Λ	\condp{x}{y}{\theta}	$p_{\theta}(x y)$	
					\mu	μ	\bfmu	$oldsymbol{\mu}$	\KL{P}{Q}	$D_{\mathrm{KL}}\left(P\ Q\right)$	
					\nu	ν	\bfnu	ν	\KLmax{P}{Q}	$D_{\mathrm{KL}}^{\mathrm{max}}(P\ Q)$	
					\xi	ξ Ξ	\bfxi	ξ	\minimize{x}{a}	minimize x	
					\Xi	Ξ	\bfXi	Ξ		a	
					\pi	π	\bfpi	π	$\maximize\{x\}\{a\}$	$\max_{a} \text{maximize } x$	
					\Pi	П	\bfPi	Π	\subto{x}	subject to x	
					\rho	ho	\bfrho	ho	$\displaystyle \dfrac\{x\}\{y\}$	$\frac{\mathrm{d}x}{\mathrm{d}y}$	
					\sigma	σ	\bfsigma	σ	\dfracc{x}	$\begin{array}{c} \frac{\mathrm{d}x}{\mathrm{d}y} \\ \frac{\mathrm{d}}{\mathrm{d}} \\ \frac{\mathrm{d}}{\mathrm{d}x} \\ \frac{\partial x}{\partial y} \\ \frac{\partial y}{\partial x} \\ \frac{\partial y}{\partial x} \\ \frac{\mathrm{d}^2 x}{\mathrm{d}y^2} \\ \frac{\mathrm{d}^2}{\mathrm{d}x^2} \\ \frac{\partial^2 x}{\partial y^2} \\ \frac{\partial y^2}{\partial x^2} \\ \frac{\partial y^2}{\partial x} \\ \frac{1}{N} \sum_{x=1}^{N} \\ \end{array}$	
					\Sigma	Σ	\bfSigma	$oldsymbol{\Sigma}$	$\proonup \{x\}\{y\}$	$\frac{\partial x}{\partial x}$	
					\tau	au	\bftau	au	\pfracc{x}	$\partial y \ \partial$	
					υ	v	\bfupsilon	$oldsymbol{v}$	•	$\frac{\partial x}{\partial x}$	
					\Upsilon	Υ	\bfUpsilon	Υ	$\displaystyle \dnfrac\{x\}\{y\}\{2\}$	$\frac{\mathrm{d}^{2}x}{\mathrm{d}y^{2}}$	
					\fy	arphi	\bffy	arphi	$\displaystyle \dnfracc\{x\}\{2\}$	$\frac{\mathrm{d}^2}{1}$	
					\Fy	Φ	\bfFy	Φ	\pnfrac{x}{y}{2}	$\frac{\partial x^2}{\partial^2 x}$	
Fonts					\chi	χ	\bfchi	$\boldsymbol{\chi}$	• •	$\frac{\partial y^2}{\partial y^2}$	
ronus					\psi	ψ	\bfpsi	$oldsymbol{\psi}$	$\protect{x}{2}$	$\frac{\partial^{-}}{\partial x^{2}}$	
					\Psi	Ψ	\bfPsi	Ψ	$\avgsum\{x\}\{1\}\{N\}$	$\frac{1}{N}\sum_{x=1}^{N}$	
					\omega	ω	\bfomega	ω	$\inf\{x=a\}$	1 (x = a)	
					\Omega	Ω	\bf0mega	Ω	$\displaystyle \operatorname{quaform}\{x\}\{A\}$	$x^{\stackrel{ ightharpoonup}{T}}Ax$	
					Mathematical notations				$\displaystyle \qquad \qquad$	$(x-y)^T A (x-y)$	
					Basic						
					command	output	command	output			
					\RE	Re	\IM	Im			
					\Tr	Tr	\GL	GL			
					\rank	rank	\argmin	argmin			
command	output	comman	d $output$		\argmax	argmax	\p(x)	P(x)			
\bfa	a	\bfz	${f z}$		\Var	Var	\Cov	Cov			
\bfA	\mathbf{A}	\bfZ	${f z}$		\DKL	D_{KL}	\DTV	D_{TV}			
\bbA	\mathbb{A}	\bbZ	$\mathbb Z$		\Df	D_f	\Dalpha	D_{α}			
\ccA	\mathcal{A}	\ccZ	${\mathcal Z}$		\grad	∇	\dd x	$\mathrm{d}x$			
					\pdd x	∂x					