LATEX 中的数学符号

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2016年7月28日

1 字母

1.1 希腊字母

α \alpha	β \beta	$\gamma \setminus \text{gamma}$	δ \delta
ϵ \epsilon	ζ \zeta	η \eta	θ \theta
ι \iota	κ \kappa	λ \lambda	μ \mu
ν \nu	$\xi \setminus xi$	<i>o</i> o	π \pi
π \pi	ρ \rho	σ \sigma	τ \tau
v \upsilon	ϕ \phi	χ \chi	$\psi \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
ω \omega			
$\Gamma \setminus Gamma$	Δ \Delta	Θ \Theta	$\Lambda \setminus Lambda$
Ξ\Xi	П \Pi	Σ \Sigma	$\Upsilon \setminus Upsilon$
Φ \Phi	$\Psi \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	$\Omega \setminus Omega$	

2 运算符 2

1.2 字母类符号

 $a' \ a'' \ a''' \ a'''' \ a'$

2 运算符

2.1 二元运算符

+ +		÷ \div
\cdot \cdot	\times \times	⋆ \star
\pm \pm	$\mp $	$* $ \ast
\ \setminus	\triangleleft \triangleleft	> \triangleright
∪ \cup	$\cap \ \ $	o \circ
⊔ \sqcup	□ \sqcap	• \bullet
∨ \vee	$\land \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	♦ \diamond
\oplus \oplus	\ominus \ominus	\odot \odot
\oslash \oslash	\otimes \otimes	○ \bigcirc
⊎ \uplus	\triangle \bigtriangleup	∇ \bigtriangledown
∐ \amalg	† \dagger	‡ \ddagger
\wr		

2 运算符 3

2.2 关系运算符

< < > > = $\leq | le(leq) |$ $\geq \langle ge(geq) \rangle$ ≡ \equiv $\ll \ |$ ll $\gg \lg$ ≐ \doteq \prec \prec ≻ \succ $\sim \sin$ \leq \preceq $\simeq \slash$ simeq $\subset \setminus subset$ $\supset \setminus \text{subset}$ $\subseteq \$ \subseteq ⊇ \subseteq $\cong \backslash cong$ ⋈ \bowtie $\in \in$ \propto \propto ⊢ \vdash ⊢ \dashv $\models \setminus models$ | \mid | \parallel ⊥ \perp \smile \smile $\approx \text{\asymp}$ ∉ \notin $\neq \text{lneq(ne)}$: :

2.3 大尺寸运算符

$\sum \setminus \text{sum}$	$\Pi \setminus prod$	∐ \coprod
∪ \bigcup	$\cap \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	⊔ \bigsqcup
\oplus \bigoplus	\otimes \bigotimes	⊙ \bigodot
∨ \bigvee	$\land \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	⊎ \biguplus
f \int		

3 箭头 4

2.4 其他运算符

 $\forall \ \backslash forall$ ∃ \exists Ø \emptyset ∇ \nabla ∂ \partial $dx \operatorname{d}x \operatorname{d}x$ $\neg \ \$ $\neg \setminus \text{neg}$ 3 箭头 ← \longleftarrow ↑ \uparrow → \longrightarrow ↓ \downarrow \leftrightarrow \leftrightarrow ← \Leftarrow ← \Longleftarrow ↑ \Uparrow ⇒ \Rightarrow ⇒ \Longrightarrow ↓ \Downarrow \iff \Longleftrightarrow() \Updownarrow \Leftrightarrow → \longmapsto $\mapsto \setminus \text{mapsto}$ $\hookrightarrow \setminus \text{hookrightarrow}$ \ \searrow ← \leftharpoonup → \rightharpoonup ✓ \swarrow ← \leftharpoondown → \rightharpoondown \ \nwarrow \iff \iff 括号 ((⟨ \langle { \{ } \} \\rangle | \lfloor | \rfloor [\lceil \rceil \ \backslash | \vert | \Vert

5 其他符号 5

\langle lgroup | \arrowvert \\ \langle lmoustache | \arrowvert | \arrowvert \\ \arrowvert | \arr

5 其他符号

 $\dots \setminus dots \quad \dots \setminus cdots$: \vdots ··· \ddots $h \setminus hbar$ *i* \imath $j \setminus j$ math ℜ \Re ₃ \Im ℵ \aleph ℘\wp ∇ \nabla \triangle \triangle / \prime ∞ \infty \top \top ∠ \angle $\sqrt{\text{surd}}$ \perp \bot ♦ \diamondsuit♥ \heartsuit ♣ \clubsuit ♠ \spadesuit ♭ \flat #\sharp © \copyright † \dag ‡ \ddag § \S $\P \setminus P$ \$\pounds % \% ∠ \angle