

$$\backslash A \rightarrow$$

$$\mathbb{A}$$

$$\backslash casefour\{1\}\{2\}\{3\}\{4\}\{5\}\{6\}\{7\}\{8\} \rightarrow$$

$$\left\{ \begin{array}{cc} 1 & 2 \\ 3 & 4 \\ 5 & 6 \\ 7 & 8 \end{array} \right.$$

$$\backslash casethree\{1\}\{2\}\{3\}\{4\}\{5\}\{6\} \rightarrow$$

$$\left\{ \begin{array}{cc} 1 & 2 \\ 3 & 4 \\ 5 & 6 \end{array} \right.$$

$$\backslash casetwo\{1\}\{2\}\{3\}\{4\} \rightarrow$$

$$\left\{ \begin{array}{cc} 1 & 2 \\ 3 & 4 \end{array} \right.$$

$$\backslash C \rightarrow$$

$$\mathbb{C}$$

$$\backslash c \rightarrow$$

$$\subset$$

$$\backslash ddx\{arg\} \rightarrow$$

$$\frac{d}{dx}$$

arg

$$\backslash ddx \rightarrow$$

$$\frac{d}{dx}$$

$$\backslash ddy\{arg\} \rightarrow$$

$$\frac{d}{dy}$$

arg

$$\backslash ddy \rightarrow$$

$$\frac{d}{dy}$$

$$\backslash d \rightarrow$$

$$\partial$$

$$\backslash e\{G\}\rightarrow$$

$$\in G$$

$$\backslash E\{0\}\{a\}\rightarrow$$

$$\sum_a^a$$

$$\backslash fep\{a\}\{b\}\rightarrow$$

$$(a-b,a+b)$$

$$\backslash finv\rightarrow$$

$$f^{-1}$$

$$\backslash fmv\{g\}\{one\}\{two\}\rightarrow$$

$$g:one\rightarrow two$$

$$\backslash fm\{one\}\{two\}\rightarrow$$

$$f:one\rightarrow two$$

$$\backslash fvinv\{g\}\rightarrow$$

$$g^{-1}$$

$$\backslash fx\{x2\}\rightarrow$$

$$f(x)=x^2$$

$$\backslash f\rightarrow$$

$$f(x)$$

$$\backslash gof\{g\}\{f\}\rightarrow$$

$$g\circ f$$

$$\backslash H\rightarrow$$

$$\mathbb{H}$$

$$\backslash null\rightarrow$$

$$\emptyset$$

$$\backslash oball\{a\}\{b\}\rightarrow$$

$$(a-b,a+b)$$

$$\backslash oo\rightarrow$$

$$\infty$$

$$\backslash oS\{0\}\{a\}\rightarrow$$

$$\int_0^a$$

$$\backslash ox \rightarrow$$

$$\otimes$$

$$\backslash O \rightarrow$$

$$\bigcirc$$

$$\backslash o \rightarrow$$

$$\circ$$

$$\backslash polyv\{a\}\{x\}\{k\} \rightarrow$$

$$a_0+a_1x+\cdots+a_kx^k$$

$$\backslash poly\{a\}\{x\} \rightarrow$$

$$a_0+a_1x+\cdots+a_nx^n$$

$$\backslash P\{A|B\} \rightarrow$$

$$\Pr(A|B)$$

$$\backslash Q \rightarrow$$

$$\mathbb{Q}$$

$$\backslash R \rightarrow$$

$$\mathbb{R}$$

$$\backslash Rp \rightarrow$$

$$\mathbb{R}^+$$

$$\backslash Rs \rightarrow$$

$$\mathbb{R}^*$$

$$\backslash Rx \rightarrow$$

$$\mathbb{R}^\times$$

$$\backslash set\{1,2,3,4\} \rightarrow$$

$$\{1,2,3,4\}$$

$$\backslash SS\{0\}\{a\}\{0\}\{b\}\{0\}\{c\} \rightarrow$$

$$\int_0^a\int_0^b\int_0^c$$

$$\backslash SS\{0\}\{a\}\{0\}\{b\} \rightarrow$$

$$\int_0^a\int_0^b$$

$$\backslash S\{0\}\{a\} \rightarrow$$

$$\int_0^a$$

$$\tbl{\lvert c \rvert}{\lvert c \rvert}{\hline}$$

a&b

\

c&d

}→

a	b
c	d

\w→

ω

\xdel{a}{b}→

$(a-b,a+b)$

\x→

×

\Z→

\mathbb{Z}