@*underline*unless@

@*underline*for@

@*underline*while@

@*underline*until@

@*underline*do – while@

@*underline*do – until@

@*underline*break@

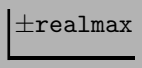
@*underline*continue@

@*underline*switch@

$\underline{\lfloor a}$

$\underline{\lfloor b}$


1×1


±realmax

$\pm 0.a_1a_2...a_n \times 2^e$


a_i

$\lfloor a_1 = 1$

$\underline{\lfloor n}$


$e+k$


2 × 3


1×1


1×5


5×1


$n \times 1$


$1 \times n$

$$\boxed{k = ic + j}$$

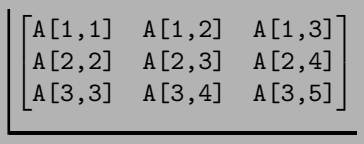
$\underline{\lfloor k}$


3×4

$$\texttt{A[3:5, 7:10]} = \begin{bmatrix} \texttt{A[3,7]} & \texttt{A[3,8]} & \texttt{A[3,9]} & \texttt{A[3,10]} \\ \texttt{A[4,7]} & \texttt{A[4,8]} & \texttt{A[4,9]} & \texttt{A[4,10]} \\ \texttt{A[5,7]} & \texttt{A[5,8]} & \texttt{A[5,9]} & \texttt{A[5,10]} \end{bmatrix}$$

```
⎡X[i[1], j[1]]⎤
⎢X[i[2], j[2]]⎥
⎢X[i[3], j[3]]⎥
⎢X[i[4], j[4]]⎥
⎣X[i[5], j[5]]⎦
```


6 × 6


A[1,1] A[1,2] A[1,3]
A[2,2] A[2,3] A[2,4]
A[3,3] A[3,4] A[3,5]

$$\begin{bmatrix} \texttt{A[1,1]} & \texttt{A[2,2]} & \texttt{A[3,3]} \\ \texttt{A[2,1]} & \texttt{A[3,2]} & \texttt{A[4,3]} \\ \texttt{A[3,1]} & \texttt{A[4,2]} & \texttt{A[5,3]} \end{bmatrix}$$

$$\boxed{1 \leq k < n}$$


$(-k)$

$$\boxed{-n < k \leq -1}$$


$n \times n$


9 × 9


m × n


3×5


$m \times n$

$\underline{\lfloor 8mn}$

$\underline{\lfloor u}$

$\underline{\lfloor mn}$

$\underline{\lfloor m}$


$[m; n]$


$n \times 2$


[0, 1]

$\underline{\lfloor x}$


$m \times 1$

$$\boxed{g(x) = 2x - \sin x}$$

$$\boxed{g(x) = 2 - \sin x}$$

$$\boxed{g(\pi/2) = 2(\pi/2) - \sin(\pi/2) = \pi - 1}$$


n × n

$\underline{\lfloor Ax}$

$$\boxed{A \backslash B = \{x \in A, x \notin B\}}$$

$\underline{\lfloor b^r}$

$$\underline{\underline{A^n = AA \cdots A}}$$

$$A^0 = I$$

$$\boxed{A^n = (A^n)^{-1}}$$


$[a, b]$


(a, b)


$(a, b]$


$[a, b)$


n × m

$$\underline{\lfloor 1 + 2 + 3 + ... + n}$$


f


$f(x)$

$$\boxed{f(x) = 2x^2 - \frac{3}{x}}$$

$$f(x) = \alpha x + \beta$$


β

$$f(x) = \sqrt{x^2 + 1}, \quad g(x) = \sqrt{x^2 + 25}$$

$$f(x,y) = e^{-(x^2+y^2)}\sqrt{x^2+y^2}$$

$$f1(x) = e^{-(x^2+9)}\sqrt{x^2+9}$$

$$f(x,y) = \frac{1-x-y}{x^2+y^2}, \qquad 0 \le x \le 1,\ 0 \le y \le x$$

$$\boxed{f(x) = \begin{bmatrix} \cos x & -\sin x \\ \sin x & \cos x \end{bmatrix}}$$

$$\boxed{f(x) = \begin{bmatrix} e^{\cos x} & 2x \\ \sqrt{1+x^2} & e^{-\sin x} \end{bmatrix}}$$

$$\boxed{\mathtt{A}(\mathtt{x}) = \sum_{\mathtt{k}=1}^{\mathtt{\#A}} [\mathtt{A\#k}][\mathtt{x\#k}]}$$

$$\boxed{f(x, y) = 5x - 3y}$$

$$f(x) = \begin{cases} 0, & x = 1 \\ 1, & x = 2 \\ 2, & x = 3 \\ 3, & x = 4 \\ 4, & x = 5 \\ 5, & x = 0 \end{cases}$$


1 × n


n × 1

1

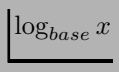
$\underline{\lfloor e^x}$

$\underline{\lfloor \ln x}$

$\underline{\underline{e}}$

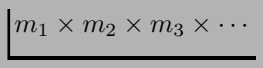

$\log_{10} x$


$\log_2 x$


$\log_{base} x$

$\lfloor \sqrt{x}$

$$\boxed{p(x) = 1 + 2x - x^2}$$


$m_1 \times m_2 \times m_3 \times \cdots$


5×3

$$\frac{n!}{m!(n-m)!}$$


3 × 6

$\boxed{P(a < X < b)}$

$\underline{\lfloor X}$

$\underline{P(x < b)}$

$$\boxed{P(x < b) = p}$$

$\mu = 0$

$\underline{\lfloor \sigma = 1}$


2×2


3×3


4×4