$$\begin{cases}
1 & 2 & 3 \\
4 & 5 & 6
\end{cases}$$

$$\left\{ 
 0 & 0 & 0 \\
 0 & 0 & 0 
 \right\}$$

$$\left\{ 
 \begin{array}{c}
 1 & 1 & 1 \\
 1 & 1 & 1
 \end{array}
 \right\}$$

 $\begin{cases} 0.76812546 & 0.00899898 & 0.34970735 \\ 0.19858156 & 0.66888265 & 0.64210237 \end{cases}$ 

$$\left\{
 \begin{array}{c}
 1 & 0 & 0 \\
 0 & 1 & 0 \\
 0 & 0 & 1
 \end{array}
 \right\}$$

$$\left\{
 \begin{array}{c}
 1 & 0 & 0 \\
 0 & 1 & 0 \\
 0 & 0 & 1
 \end{array}
 \right\}$$

矩阵的数乘

$$2 \times \left\{ \begin{array}{c} 1 & 2 & 3 \\ 4 & 5 & 6 \end{array} \right\} = \left\{ \begin{array}{c} 2 & 4 & 6 \\ 8 & 10 & 12 \end{array} \right\}$$

矩阵加减法

矩阵的点积

矩阵乘法