2 order + 1

order

order + 1

eye(3)

$$\underbrace{\begin{bmatrix} h_d[0]\\ h_d[1]\\ h_d[2]\\ h_d[3]\\ h_d[4]\end{bmatrix}}_{B} = \underbrace{\begin{bmatrix} 0 & 0 & 1 & 0 & 0\\ -h_d[0] & 0 & 0 & 1 & 0\\ -h_d[1] & -h_d[0] & 0 & 0 & 1\\ -h_d[2] & -h_d[1] & 0 & 0 & 0\\ -h_d[3] & -h_d[2] & 0 & 0 & 0\end{bmatrix}}_{A} \cdot \underbrace{\begin{bmatrix} a_1\\ a_2\\ b_0\\ b_1\\ b_2\end{bmatrix}}_{X}$$

zeros(2,3)

2

2+1

2.order + 1

$[x \ \ y] = \boxed{x \mid y}$

$[x ;] = \begin{array}{|c|}\hline x\\ \hline y\\ \hline\end{array}$

2order+1

$\underline{S - i}$

$i = 1 \longrightarrow 4$

$i = 2 \longrightarrow 3$

$i = 3 \longrightarrow 2$

order = 2 of system