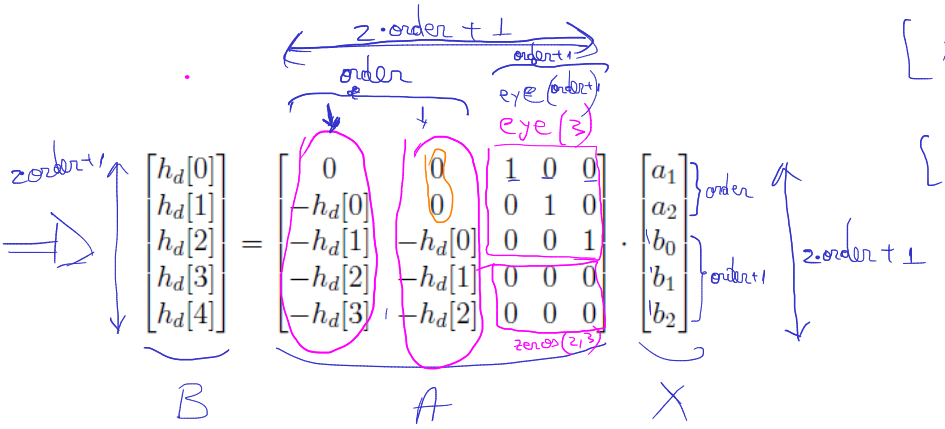
eye "I"

$[x, y] = [x\ y]$

$[x; y] = \begin{bmatrix} x \\ y \end{bmatrix}$

order = 2 $\Longrightarrow$



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

order = 5

$A^{-1} \mid B = A \cdot X$

$A^{-1} \cdot B = X$