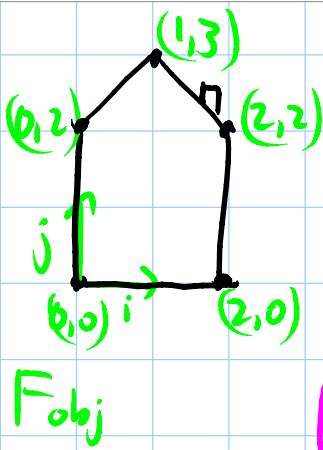
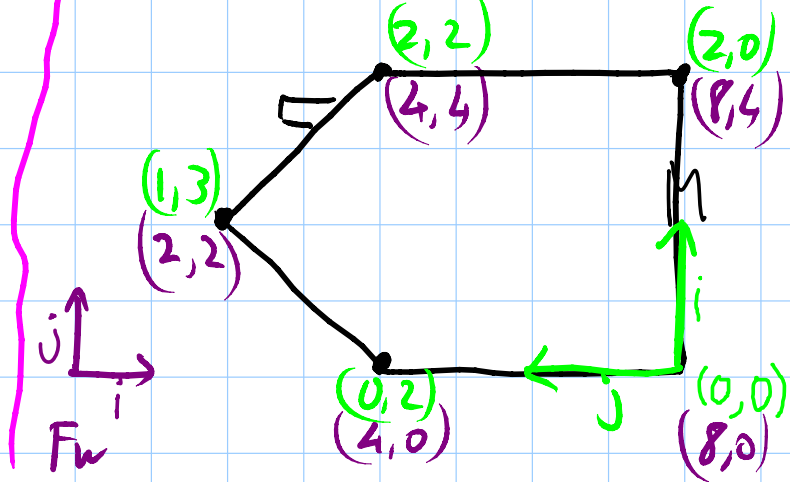


Object Coordinates

Note Title



$$\begin{bmatrix} x \\ y \\ 1 \end{bmatrix}_w = \begin{bmatrix} 0 & -2 & 8 \\ 2 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} x \\ y \\ 1 \end{bmatrix}_{obj}$$



$$\begin{bmatrix} x \\ y \\ 1 \end{bmatrix}_{obj} = \begin{bmatrix} 0 & 0.5 & 0 \\ -0.5 & 0 & 4 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} x \\ y \\ 1 \end{bmatrix}_w$$

$M_{w \rightarrow obj}$