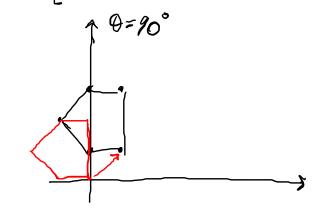
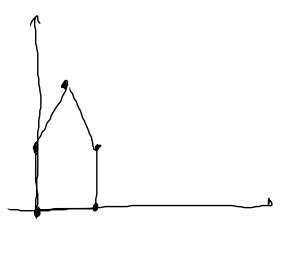
$$P_{n} = (0,0)$$
 $P_{2} = (2,0)$
 $P_{3} = (2,n)$
 $P_{4} = (1,2)$
 $P_{5} = (0,1)$

$$\begin{bmatrix} x' & 4' \end{bmatrix} = \begin{bmatrix} x & 4 \end{bmatrix} \cdot \begin{bmatrix} \cos \theta & \sin \theta \\ -\sin \theta & \cos \theta \end{bmatrix} + \begin{bmatrix} tx & ty \end{bmatrix}$$

$$\begin{bmatrix} 0 & 0 \\ 2 & 0 \\ 2 & 1 \\ 1 & 2 \end{bmatrix} \cdot \begin{bmatrix} 0 & 1 \\ -1 & 0 \end{bmatrix} + \begin{bmatrix} 1 & 1 \\ 1 & 3 \\ 0 & 3 \\ -1 & 2 \end{bmatrix}$$



$$\begin{bmatrix} 0 & 0 \\ 2 & 0 \\ 2 & 1 \\ 1 & 2 \\ 0 & 1 \end{bmatrix}, \begin{bmatrix} 1 & 0 \\ 0 & 2 \end{bmatrix} + \begin{bmatrix} 0 & 0 \\ 2 & 0 \\ 2 & 2 \\ 2 & 4 \\ 0 & 2 \end{bmatrix}$$



$$M \in \mathbb{R}^{3\times3} \qquad M = \begin{bmatrix} 0 & 1 & 0 \\ -1 & 0 & 0 \\ 1 & 1 & 1 \end{bmatrix} \implies \begin{bmatrix} M_{271} & 0 \\ 0 \\ 1 \end{bmatrix}$$

$$\begin{bmatrix}
0 & 0 & 1 \\
2 & 0 & 1 \\
2 & 1 & 1
\end{bmatrix}, \begin{bmatrix}
0 & 1 & 0 \\
-1 & 0 & 0 \\
1 & 1 & 1
\end{bmatrix} =
\begin{bmatrix}
1 & 1 & 1 \\
1 & 3 & 1 \\
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 1 & 1 \\
1 & 3 & 1 \\
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
0 & 3 & 1 \\
-1 & 2 & 1 \\
0 & 1 & 1
\end{bmatrix}$$

$$t \times_{\lambda} y_{i} \wedge_{J} M = \left[\times_{\lambda}^{i} y_{i} + 2i \right] \longrightarrow \left[\frac{\times_{\lambda}^{i}}{2i} \frac{y_{i}}{2i} \frac{2i}{2i} \right] = \left[\frac{\times_{\lambda}^{i}}{2i} \frac{y_{i}}{2i} \right]$$

