Assignment 3. Homogeneous coordinates

1	Date:
3	$M = \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & \cos q_0 & \sin q_0 & 0 \\ 0 & -\sin q_0 & \cos q_0 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} = \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -1 & 0 \\ 0 & +1 & \cos q_0 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$
	A-M4= (1.1+0) = (1)
	$\beta \cdot M4 = \begin{pmatrix} 3 & 1 & 0 \\ 0 & 1 & 0 \\ 0 & 1 & 0 \end{pmatrix} = \begin{pmatrix} 3 \\ 0 \\ 0 \\ 0 \end{pmatrix}$
	$C-M4=$ $\begin{pmatrix} 2 & 1 & 0 \\ 0 & + 0 \end{pmatrix}$ $\begin{pmatrix} 2 \\ 0 \\ 0 \end{pmatrix}$
	51,96 6 60590 01 0 0 0
	$A \cdot M5 = 0 + 0 + 0 = 0 + 0 = 0 + 0 + 0 = 0 + 0 = 0 + 0 = 0 =$
0	B·MS= (0 +0.1) = (0) = (
	C. MS = (0+3.1) - (3) 2(1)+0 (-2)
1	







