Task 2 a) I use the A, A: and A3-motrices from the 1007 who to make the T-matrices  $T_{1}^{\circ} = \begin{bmatrix} c, & 0 & s, & 0 \\ S_{1} & 0 & -c, & 0 \\ 0 & -1 & 0 & d_{1} \\ 0 & 0 & 7 \end{bmatrix} \begin{bmatrix} c_{1}c_{2} & -c_{1}s_{1} & s_{1} & c_{1}c_{2}a_{2} \\ c_{2}c_{3} & -c_{1}c_{2}s_{1} & -c_{1}c_{2}a_{2}s_{1} \\ c_{3}c_{3} & -c_{4}c_{2}s_{2} & -c_{1}c_{2}a_{2}s_{1} \\ c_{3}c_{3}c_{3} & -c_{4}c_{2}s_{2} & -c_{4$ C, C2 C3 - C, S2 S3 - C, C2 S3 - C, C3 S2 S C, C2 C3 C3 + C, C2 02 - C, 03 52 53  $Z_0 = \begin{bmatrix} 0 \\ 0 \\ 1 \end{bmatrix}$   $Z_1 = \begin{bmatrix} S_1 \\ -c_1 \\ 0 \end{bmatrix}$   $Z_2 = \begin{bmatrix} S_1 \\ -c_1 \\ 0 \end{bmatrix}$ 03-07= (c,c,03+c,c,0,c,0,5;53) d (30,5)=0,52+c,0,53 [c, c2 (30) - c, 035253 ] 03-02 = (3 03 52 1 (203 5) ) C3 03 52 1 C2 03 53





