

Introduction to Robotics

Assignment #0

Student Name 1 Student Name 2 Student Name 3
 Matriculation No.1 Matriculation No.2 Matriculation No.3

Task 0.1 (8 points) Pyramid:

Your solution here.

0.1.1 (4 points):

Your solution here.

Task 0.2 Some example \LaTeX snippets:

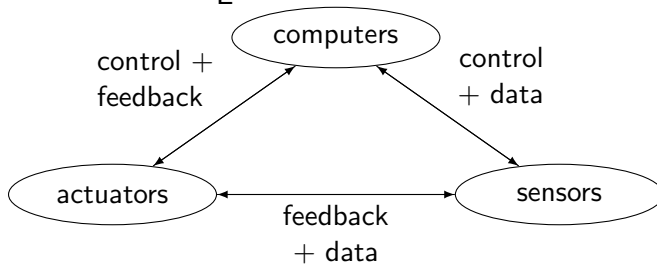
- In-Text math mode: Rotation by $\psi = 30^\circ$ around M_w
- Matrix in an equation without numbering:

$${}^A T_B = \begin{bmatrix} 1/\sqrt{2} & 1/\sqrt{2} & 0 & 1 \\ -1/\sqrt{2} & 1/\sqrt{2} & 0 & 1 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

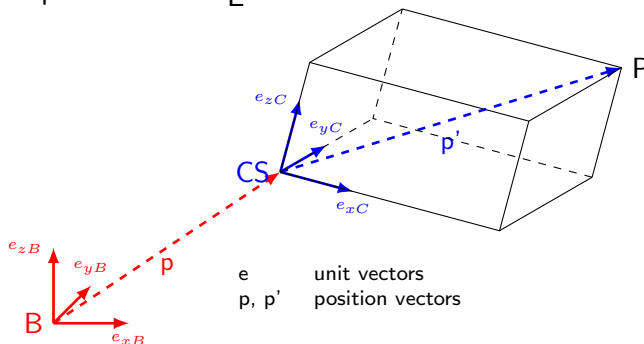
- Matrix in an equation with numbering:

$${}^B T_C = \begin{bmatrix} \sqrt{3}/2 & -1/2 & 0 & 2 \\ 1/2 & \sqrt{3}/2 & 0 & 1 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix} \tag{1}$$

- Schematics in \LaTeX :



- Graphics within \LaTeX :



- 3D-Graphics for experienced \LaTeX users:

