Quiz 1 – Hands-on task!

- We have to compute two scale factors:
  - $\hat{\boldsymbol{v}} = \gamma \boldsymbol{v}$
  - α

$$v_1 = r_{21} \quad v_5 = \alpha\, r_{11}$$
$$v_2 = r_{22} \quad v_6 = \alpha\, r_{12}$$
$$v_3 = r_{23} \quad v_7 = \alpha\, r_{13}$$
$$v_4 = T_y \quad v_8 = \alpha\, T_x$$

- Implement an algorithm in python to estimate the intrinsics and extrinsics parameters (f_x, T_x, T_y, T_z and matrix R).
  - Pages 129-132, Trucco e Verri
  - Compare with the calibration toolbox presented in the classroom
  - Implement extracting explicitly the eigenvectors using svd function

- **Submission: Python notebook with the code, results and discussion**