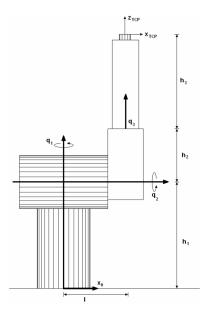
Exercise

Forward Transformation



Task 1. Given is the robot shown in the figure above, the so called simplified Stanford manipulator. The mechanism consists of two revolute joints q_1 and q_2 as well as a prismatic axis q_3 .

- a) Select Denavit-Hartenberg-compliant coordinate systems for each axis.
- b) Determine the Denavit-Hartenberg parameters of the manipulator.
- c) Determine the forward transformation of the manipulator.

